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COUNTY COUNCIL OF DUNBARTON



# REPORT

ON THE

Medical Inspection of  
School Children



For the years  
1940 to 1945



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COUNTY COUNCIL OF DUNBARTON.

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# Thirtieth Annual Report

on the

MEDICAL INSPECTION OF  
SCHOOL CHILDREN.

---

1940-1941.

(Year ending 31st July, 1941).

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KIRKINTILLOCH

PRINTED BY D. MACLEOD, LTD.

204311

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## PREFACE.

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*To the County Council of the  
County of Dunbarton.*

Ladies and Gentlemen,

I herewith submit the Report on the Medical Inspection and Treatment of School Children for the Sessions, 1940-41 ; 1941-1942 ; 1942-1943 ; 1943-1944 ; 1944-1945, inclusive, as prepared by the School Medical Officers.

Despite the upsets attendant on shortage of staff and evacuation during the war years, there was, on the whole, relatively little interference with the preventative and curative aspects of the Service.

Dr. Lauder Thomson retired on the 26th December, 1943, and tribute must be paid to his devoted service, and the craftsmanship with which he guided the development of the Department.

I am,

Ladies and Gentlemen,

Your obedient Servant,

SAMUEL HARVEY.



## County Council of Dunbarton.

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# SCHOOL MEDICAL STAFF.

---

**Supervising School Medical Officer.**

T. LAUDER THOMSON, M.D., D.P.H.

**School Medical Officers.**

MILDRED M. L. CATHELS, M.B., D.P.H.

ANDREW D. COWAN, M.B., D.P.H.

CHARLES C. SLORACH, M.B., D.P.H. (part-time)

**Dental Surgeons.**

ELIZABETH McKENDRICK, L.D.S.

VERA PUGH, L.D.S.

JOHN H. N. MACDONALD, L.D.S.

FELIX A. CASSIDY, L.D.S.

**Ophthalmic Surgeon.**

JAMES N. TENNENT, M.B., D.O.M.S., B.Sc. (part-time).

**Ear, Nose and Throat Specialist.**

J. FULTON CHRISTIE, M.B., Ch.B., F.R.F.P.S.

**Nurse in Charge, Orthopaedic Clinics.**

MORAG GALLOWAY.

**Instructresses at Orthopaedic Clinics (part-time).**

E. MILLER. M. JOCKEL. J. S. HOWATT.

**Orthoptist (part-time).**

M. W. MARSH.

**Inspection and Clinic Nurses.**

C. M. JEFFREY.

S. DOUGHERTY.

J. SCOTT.

M. GILMOUR.

E. STEVENSON.

K. STEVENSON.

M. MacDONALD.

**Nurses for Special Schools.**J. L. THOMSON.  
(Resigned 21st Dec., 1940).

J. MacDONALD.

CHRISTINA ROGERS.  
(Commenced 6th Jan., 1941).**Dental Attendants.**

ANNIE J. RAE.

WILLIAM BENNIE.

ANNIE BLACK.

JAMES GALLACHER.

(On Active Service).

ELIZABETH MARTIN.

(Commenced 16th August, 1940.)

**Attendant at Orthopaedic Clinics.**

ELIZABETH ROLLO.

**Clerks.**

GEORGE S. BROWNE.

BELLA J. N. AIRTH.

# REPORT

on the

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN  
THE COUNTY OF DUNBARTON.

## I.—List of Staff.

See Page 5.

## 2.—(a) Number of Schools.

### School Management Area.

Cumbernauld	...	...	...	...	...	...	...	...	4
Kirkintilloch	...	...	...	...	...	...	...	...	6
New Kilpatrick	...	...	...	...	...	...	...	...	4
Old Kilpatrick	...	...	...	...	...	...	...	...	12
Dumbarton	...	...	...	...	...	...	...	...	9
Vale of Leven	...	...	...	...	...	...	...	...	12
Helensburgh ...	...	...	...	...	...	...	...	...	13
Total	...	...	...	...	...	...	...	...	60

## (b) Number of Children on Register and in Average Attendance during Session 1940-41.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld ... ..	904.8		...
Kirkintilloch .. ..	3,441.4	Accurate	...
New Kilpatrick ... ..	1,928.5	figures	...
Old Kilpatrick ... ..	...	are	...
Dumbarton ... ..	4,326.0	not	...
Vale of Leven ... ..	3,486.6	available,	...
Helensburgh ... ..	2,009.5		...
Total ... ..	Records incomplete	...	...

### 3.—Number of Visits for Systematic Examination.

**Note.**—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above ... .. 448

### 4.—Number of Special Visits by Medical Officers.

For re-examination of defective children ... ..	13
For examination of backward, or mentally, or physically defective children ... ..	54
Attendances at Clinics ... ..	309
Attendance for Office Work, etc. ... ..	64
For inquiry regarding infectious disease ... ..	2
Others (examinations re-evacuation, etc.) ... ..	39

### 5.—Sanitary Condition of Schools.

The maintenance of the schools in the County is undertaken by the County Architect's Department and, in spite of the difficulties of the times, every endeavour was made throughout the Session to keep the high standard of sanitary equipment, cleanliness and comfort previously achieved.

### 6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-operation with Public Health Departments.

Full particulars regarding these matters are included in Section 4 of the revised report, page 50 of the Annual Report 1938-39.

### 6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No of Parents Present at Non-Routine Examinations.
Cumbernauld ...	232	108	46.5	9
Kirkintilloch ...	992	337	34.0	186
New Kilpatrick	478	269	56.2	11
Old Kilpatrick	1701	849	49.9	295
Dumbarton ...	1169	421	36.0	210
Vale of Leven	1018	729	71.6	325
Helensburgh ...	941	431	45.8	218
Total ...	6531	3144	48.1	1254

7.—THE PHYSICAL CONDITION OF THE SCHOOL CHILDREN.  
A.—Total Number of Children Examined.

SCHOOL MANAGEMENT AREA	ROUTINE CASES.														
	Entrants			Age 8			Age 14			Age 16			Total		
	Aver- age	Boys	Girls	Aver- age	Boys	Girls	Aver- age	Boys	Girls	Aver- age	Boys	Girls	Boys	Girls	Total
Cumbernauld	5 $\frac{1}{2}$	55	48	103	8 $\frac{1}{2}$	49	43	92	13 $\frac{1}{2}$	19	18	37	123	109	232
Kirkintilloch	5 $\frac{1}{2}$	156	147	303	8 $\frac{1}{2}$	183	130	313	13 $\frac{1}{2}$	169	183	352	523	469	992
New Kilpatrick	5 $\frac{1}{2}$	94	84	178	8 $\frac{1}{2}$	103	74	177	13 $\frac{1}{2}$	57	66	123	254	224	478
Old Kilpatrick	5 $\frac{1}{2}$	332	346	678	8 $\frac{1}{2}$	228	170	398	13 $\frac{1}{2}$	297	328	625	857	844	1701
Dumbarton ...	5 $\frac{1}{2}$	146	135	281	9 $\frac{1}{2}$	193	181	374	13 $\frac{1}{2}$	192	250	442	563	606	1169
Vale of Leven	5 $\frac{1}{2}$	187	197	384	8 $\frac{1}{2}$	207	202	409	13 $\frac{1}{2}$	94	110	204	503	515	1018
Helensburgh ...	5 $\frac{1}{2}$	136	109	245	8 $\frac{1}{2}$	230	200	430	13 $\frac{1}{2}$	121	113	234	503	438	941
Total ...	5 $\frac{1}{2}$	1106	1066	2172	8 $\frac{1}{2}$	1193	1000	2193	13 $\frac{1}{2}$	949	1068	2017	3326	3205	6531
															2384

7.—B. Number of Children notified to Parents as sufferings from Defects.

10a

School Management Area		Cumbernauld			Kirkintilloch			New Kilpatrick			Old Kilpatrick			Dumbarton			Vale of Leven			Helensburgh			Total		
Number of Routine Cases Examined		232			992			478			1701			1169			1018			941			6531		
Card	Defect	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
A.	Vermin or Nits on Head ...	11	4.7	...	38	3.8	...	1	0.2	...	82	4.8	...	128	10.9	...	16	1.5	...	6	0.6	...	282	4.3	...
G.	Vermin on Clothing ...	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	...	...	...	...	...	...	...	1	0.1	...
J.	Unsatisfactory Footgear ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
K.	Unsatisfactory Clothing ...	...	...	...	...	...	...	...	...	...	...	...	...	2	0.2	...	...	...	...	5	0.5	...	7	0.1	...
D.	Tonsils and Adenoids ...	...	...	1	2	0.2	6	...	...	...	5	0.3	25	88	7.5	...	2	0.2	...	1	0.1	66	98	1.5	49
E.	Ear Disease ...	...	...	...	2	0.2	...	...	...	...	...	...	6	...	...	...	1	0.1	...	2	0.2	5	5	0.1	1
H.	Defective Vision and Eye Disease ...	...	...	1	15	1.5	3	5	1.0	3	18	1.0	49	44	3.7	...	10	0.9	...	7	0.7	45	99	1.6	27
U.M.T.	Already under Treatment ...	3	1.3	1	14	1.4	...	4	0.8	3	12	0.7	3	...	...	...	10	0.9	...	51	5.4	...	94	1.4	...
D.C.	Diphtheria Immunisation ...	...	...	...	8	0.8	...	26	5.4	...	12	0.7	...	90	7.6	...	68	6.6	...	178	18.9	...	382	5.8	...
P.A.	Parents Advised ...	26	11.2	9	59	5.9	190	23	4.8	11	379	22.3	208	122	10.4	210	613	60.2	...	426	45.3	325	1648	26.2	218



School Management Area		No. of Routine cases examined	SUFFICIENCY						REPAIR						CLEANLINESS									
			Good		Medium		Bad		Non-Routine	Good		Medium		Bad		Non-Routine	Good		Medium		Bad			
			No.	%	No.	%	No.	%		No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.	%
Cumbernauld	Boys	123	123	100-0	...	...	...	...	...	122	99-2	...	...	1	0-8	...	...	121	98-6	...	...	2	1-4	...
	Girls	109	109	100-0	...	...	...	...	...	109	100-0	...	...	...	...	...	...	109	100-0	...	...	...	...	...
	Total	232	232	100-0	...	...	...	...	...	231	99-6	...	...	1	0-4	...	...	230	99-2	...	...	2	0-8	...
Kirkintilloch	Boys	523	523	100-0	...	...	...	...	...	518	99-1	5	0-9	...	...	...	...	519	99-2	1	0-2	3	0-6	...
	Girls	469	469	100-0	...	...	...	...	...	469	100-0	...	...	...	...	...	...	467	99-6	...	...	2	0-4	...
	Total	992	992	100-0	...	...	...	...	...	987	99-5	5	0-5	...	...	...	...	986	99-4	1	0-1	5	0-5	...
New Kilpatrick	Boys	254	254	100-0	...	...	...	...	...	254	100-0	...	...	...	...	...	...	254	100-0	...	...	...	...	...
	Girls	224	224	100-0	...	...	...	...	...	224	100-0	...	...	...	...	...	...	224	100-0	...	...	...	...	...
	Total	478	478	100-0	...	...	...	...	...	478	100-0	...	...	...	...	...	...	478	100-0	...	...	...	...	...
Old Kilpatrick	Boys	857	857	100-0	...	...	...	...	...	820	95-7	11	1-3	26	3-0	...	...	827	96-5	7	0-8	23	2-7	...
	Girls	844	843	99-9	...	...	...	...	...	820	97-3	10	1-1	14	1-6	...	...	823	97-6	6	0-7	15	1-7	...
	Total	1701	1700	99-9	...	...	...	...	...	1640	96-5	21	1-2	40	2-3	...	...	1650	97-1	13	0-7	38	2-2	...
Dumbarton	Boys	563	561	99-7	...	...	...	...	...	558	99-1	4	0-7	1	0-2	...	...	561	99-6	1	0-2	1	0-2	...
	Girls	606	606	100-0	...	...	...	...	...	605	99-8	1	0-2	...	...	...	...	604	99-6	1	0-2	1	0-2	...
	Total	1169	1167	99-8	...	...	...	...	...	1163	99-5	5	0-4	1	0-1	...	...	1165	99-6	2	0-2	2	0-2	...
Vale of Leven	Boys	503	503	100-0	...	...	...	...	...	457	91-0	10	1-9	36	7-1	...	...	458	91-1	42	8-3	3	0-6	...
	Girls	515	512	99-4	...	...	...	...	...	467	90-8	12	2-3	36	6-9	...	...	468	90-9	43	8-3	4	0-8	...
	Total	1018	1015	99-7	...	...	...	...	...	924	90-7	22	2-2	72	7-1	...	...	926	91-0	85	8-3	7	0-7	...
Helensburgh	Boys	503	503	100-0	...	...	...	...	...	486	96-6	...	...	17	3-4	...	...	488	97-1	14	2-7	1	0-2	...
	Girls	438	438	100-0	...	...	...	...	...	427	97-6	2	0-4	9	2-0	...	...	424	96-9	13	2-9	1	0-2	...
	Total	941	941	100-0	...	...	...	...	...	913	97-0	2	0-2	26	2-8	...	...	912	97-0	27	2-8	2	0-2	...
Total	Boys	3326	3324	99-9	...	...	...	...	...	3215	96-7-1	30	0-9	81	2-4	...	...	3228	97-1	65	1-9	33	1-0	...
	Girls	3205	3201	99-8	...	...	...	...	...	3121	97-5	25	0-7	59	1-8	...	...	3119	97-8	63	1-9	23	0-3	...
	Total	6531	6525	99-8	...	...	...	...	...	6336	97-1	55	0-8	140	2-1	...	...	6347	97-3	128	1-9	56	0-8	...

## 7.—E. FOOTGEAR.

School Management Area	Number Examined.	ROUTINE CASES										NON-ROUTINE		
		Good		Medium		Bad		None				Medium	Bad	
		No.	%	No.	%	No.	%	No.	%	No.	%			
Cumbernauld	Boys	123	99.2	...	...	1	0.8	...	...	...	...	...	...	...
	Girls	109	100.0	...	...	...	...	...	...	...	...	...	...	...
	Total	232	99.6	...	...	1	0.4	...	...	...	...	...	3	...
Kirkintilloch	Boys	523	99.8	...	...	1	0.2	...	...	...	...	...	...	...
	Girls	469	100.0	...	...	...	...	...	...	...	...	...	...	...
	Total	992	99.9	...	...	1	0.1	...	...	...	...	...	...	...
New Kilpatrick	Boys	254	100.0	...	...	...	...	...	...	...	...	...	...	...
	Girls	224	100.0	...	...	...	...	...	...	...	...	...	...	...
	Total	478	100.0	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	Boys	857	98.1	4	0.5	12	1.4	...	...	...	...	...	...	...
	Girls	844	99.3	2	0.2	4	0.5	...	...	...	...	...	...	...
	Total	1701	98.8	6	0.3	16	0.9	...	...	...	...	1	...	...
Dumbarton	Boys	563	96.8	6	1.1	12	2.1	...	...	...	...	...	...	...
	Girls	606	98.8	3	0.5	4	0.7	...	...	...	...	...	...	...
	Total	1169	97.9	9	0.8	16	1.3	...	...	...	...	...	...	...
Vale of Leven	Boys	503	95.0	4	0.8	21	4.2	...	...	...	...	...	...	...
	Girls	515	96.9	6	1.2	10	1.9	...	...	...	...	...	...	...
	Total	1018	96.0	10	1.0	31	3.0	...	...	...	...	...	...	...
Helensburgh	Boys	503	98.6	...	...	7	1.4	...	...	...	...	...	...	...
	Girls	438	99.4	1	0.2	2	0.4	...	...	...	...	...	...	...
	Total	941	99.0	1	0.1	9	0.9	...	...	...	...	...	...	...
Total ...	Boys	3326	98.0	14	0.4	54	1.6	...	...	...	...	...	...	...
	Girls	3205	99.3	12	0.4	20	0.3	...	...	...	...	...	...	...
	Total	6531	98.4	26	0.4	74	1.2	...	...	...	...	1	...	3

# 7.—F. Average Heights and Weights in Inches and Pounds.

11A

School Management Area	BOYS												GIRLS																			
	Entrants				Age 8				Age 14				Age 16				Entrants				Age 8				Age 14				Age 16			
	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight
Cumbernauld...	55	5½	41·9	41·5	49	8½	47·6	55·4	19	13½	60·5	95·9	...	...	...	...	48	5½	40·8	39·1	43	8½	49·0	55·4	18	13½	59·8	99·0	...	...	...	...
Kirkintilloch ...	156	5½	42·2	41·5	183	8½	49·1	57·5	169	13½	59·3	91·6	15	16½	67·9	134·5	147	5½	41·8	39·7	130	8½	48·7	54·4	183	13½	59·9	98·0	9	16½	62·1	109·2
New Kilpatrick	94	5½	43·4	43·9	103	8½	50·6	59·8	57	13½	60·7	95·8	...	...	...	...	84	5½	42·7	42·5	74	8½	50·2	57·5	66	13½	60·3	97·7	...	...	...	...
Old Kilpatrick	332	5½	42·6	42·3	228	8½	49·3	57·0	297	13½	58·8	89·7	...	...	...	...	346	5½	41·7	40·8	170	8½	48·5	52·9	328	13½	59·3	93·0	...	...	...	...
Dumbarton ...	146	5½	42·6	41·3	193	9½	51·0	56·3	192	13½	58·5	80·5	32	16½	66·6	127·3	135	5½	41·8	40·5	181	9½	50·8	58·1	250	13½	59·5	90·0	40	16	63·1	140·0
Vale of Leven	187	5½	42·3	41·1	207	8½	49·4	55·6	94	13½	59·2	88·7	15	16½	64·7	115·0	197	5½	42·3	40·0	202	8½	49·6	55·3	110	13½	59·6	93·8	6	16½	62·5	114·9
Helensburgh ...	136	5½	44·1	44·0	230	8½	50·7	59·2	121	13	58·8	89·3	16	16½	67·5	133·4	109	5½	43·2	42·1	200	8½	50·0	57·1	113	13½	58·8	88·4	16	16½	63·1	114·0
Total ...	1106	5½	42·7	42·2	1193	8½	49·7	57·2	949	13½	59·4	90·2	78	16½	66·7	127·5	1066	5½	42·0	40·2	1000	8½	49·5	55·8	1068	13½	59·6	94·3	71	16½	62·7	119·5
*County Average Years 1930-31 to 1934-35	6613	5½	42·3	41·1	6151	8½	48·9	55·5	...	...	...	...	615	16½	65·4	122·4	6505	5½	42·0	39·9	6173	8½	48·6	53·4	...	...	...	...	458	16½	62·6	113·5
—County Average Years 1919-20 to 1929-30	13,328	5½	42·1	41·2	11,863	8½	48·3	54·3	...	...	...	...	769	16½	64·3	118·8	13,019	5½	41·7	39·7	11,582	8½	48·2	52·3	...	...	...	...	774	16½	62·2	111·6
—Anthropometric Standard ...	...	...	41·0	39·9	...	...	47·0	54·9	...	...	...	...	...	...	64·3	119·0	...	...	40·8	39·6	...	...	46·6	52·1	...	...	...	...	...	...	61·7	113·1

\*It was felt that the Anthropometric Standard was not satisfactory, as it was based on an insufficient number of observations.

A County of Dunbarton Standard has therefore been arrived at by combining and averaging the figures in previous Annual Reports for a number of years back.

Note:—There had been no 14 years Age Group examination until year 1938-39.



SCHOOL MANAGEMENT AREA	No. of Routine Cases exam- ined	ROUTINE CASES								NON-ROUTINE CASES			
		Head				Body				Head		Body	
		Nits		Vermin		Nits		Vermin		Nits		Vermin	
		No.	%	No.	%	No.	%	No.	%	Nits	%	Nits	%
Cumbernauld	Boys	1	0.8	...	...	...	...	1	0.8	...	...	...	...
	Girls	16	14.7	...	...	...	...	...	...	...	...	...	...
	Total	17	7.3	...	...	...	...	1	0.4	3	...	...	...
Kirkintilloch	Boys	1	0.2	...	...	...	...	...	...	...	...	...	...
	Girls	48	10.2	...	...	...	...	...	...	...	...	...	...
	Total	49	4.9	...	...	...	...	...	...	2	...	...	...
New Kilpatrick	Boys	254	...	...	...	...	...	...	...	...	...	...	...
	Girls	224	1.3	...	...	...	...	...	...	...	...	...	...
	Total	478	0.6	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	Boys	857	0.5	...	...	...	...	...	...	...	...	...	...
	Girls	844	19.7	2	0.2	...	...	...	...	...	...	...	...
	Total	1701	10.1	2	0.1	...	...	...	...	...	...	...	...
Dumbarton	Boys	563	2.1	...	...	...	...	...	...	...	...	...	...
	Girls	606	29.9	...	...	...	...	...	...	...	...	...	...
	Total	1169	16.0	...	...	...	...	...	...	1	...	...	...
Vale of Leven	Boys	503	1.4	...	...	...	...	...	...	...	...	...	...
	Girls	515	30.8	2	0.4	...	...	...	...	...	...	...	...
	Total	1018	16.3	2	0.2	...	...	...	...	6	...	...	...
Helensburgh	Boys	503	1.4	1	0.2	...	...	...	...	...	...	...	...
	Girls	438	16.0	1	0.2	...	...	...	...	...	...	...	...
	Total	941	8.2	2	0.2	...	...	...	...	...	...	...	...
Total	Boys	3326	0.9	1	0.1	...	...	...	...	...	...	...	...
	Girls	3205	20.1	5	0.1	...	...	...	...	...	...	...	...
	Total	6531	10.3	6	0.1	...	...	2	0.1	12	...	...	...



## 7.—H. Condition of Skin.

13A

School Management Area	Number of Routine Cases Examined	ECZEMA						RINGWORM						IMPETIGO						SORES						SCABIES			ALOPECIA			PSORIASIS			OTHERS						TOTAL								
		Routine				Non-Routine		Routine				Non-Routine		Routine				Non-Routine		Routine				Non-Routine		Routine		Non-Routine		Routine				Non-Routine		Routine				Non-Routine									
		Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Body									
		No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld	232	...	...	...	...	...	...	...	...	...	...	...	3	1.3	...	...	2	...	...	...	1	0.4	...	...	4	1.7	5	...	...	...	1	0.4	...	...	...	...	...	...	3	1.3	6	2.6	2	5					
Kirkintilloch	992	...	...	...	...	...	...	...	...	...	...	2	8	0.8	...	...	77	...	...	...	9	0.9	...	82	9	0.9	53	1	0.1	1	...	...	...	...	...	4	0.4	...	4	9	0.9	22	2.2	78	141				
New Kilpatrick	478	...	...	...	...	...	...	...	...	...	...	...	2	0.4	...	...	...	...	...	...	...	...	4	...	...	3	...	...	...	...	...	...	...	...	3	0.6	...	...	2	0.6	3	0.6	...	7					
Old Kilpatrick	1701	...	...	1	0.1	...	...	...	...	...	...	1	4	0.2	...	...	25	...	...	...	9	0.5	...	31	16	0.9	54	...	...	5	1	0.1	3	5	0.3	15	0.8	...	13	9	0.5	42	2.4	30	102				
Dumbarton	1169	...	...	5	0.4	...	4	...	...	...	...	1	1	0.1	...	...	21	...	...	...	4	0.3	...	27	12	1.0	59	...	...	2	1	0.1	1	10	0.8	68	5.8	...	58	11	0.9	90	7.6	23	150				
Vale of Leven	1018	...	...	2	0.2	...	...	...	...	...	...	...	1	0.1	...	...	8	...	...	...	9	0.9	...	17	22	2.1	42	...	...	1	...	...	1	10	0.9	15	1.4	...	19	11	1.0	48	4.7	9	79				
Helensburgh	941	...	...	2	0.2	...	...	...	...	...	...	...	3	0.3	...	...	1	...	...	...	5	0.5	...	1	13	1.3	19	1	0.1	...	1	0.1	...	2	0.2	14	1.5	...	14	6	0.6	35	3.7	1	34				
Total	6531	...	...	10	0.1	...	4	...	...	...	...	4	22	0.3	...	...	134	...	...	...	37	0.5	...	162	76	1.1	235	2	0.1	9	4	0.1	5	27	0.4	119	1.8	...	108	51	0.7	246	3.7	143	518				



The following table shows at a glance a summary of the previous table [7.—G (a)], i.e., children in each area showing evidence of verminous condition of the head or body or both.

School Management Area	Number of Routine Cases Examined	Number showing evidence of Vermin	Percentage
Cumbernauld ... ..	232	18	7·7
Kirkintilloch ... ..	992	49	4·9
New Kilpatrick ... ..	478	3	0·6
Old Kilpatrick ... ..	1701	171	10·0
Dumbarton ... ..	1169	194	16·6
Vale of Leven ... ..	1018	166	16·3
Helensburgh ... ..	941	77	8·2
Total ... ..	6531	678	11·4

## 7.—I. NUTRITION.

SCHOOL MANAGEMENT AREA		Number of Routine Cases Exam- ined	ROUTINE CASES						NON-ROUTINE CASES		
			Above Average		Average		Below Average		Very Bad		Very Bad
			No.	%	No.	%	No.	%	No.	%	
Cumbernauld	Boys	123	17	13.8	98	79.7	8	6.5	...	...	...
	Girls	109	13	11.9	83	76.2	13	11.9	...	...	...
	Total	232	30	12.9	181	78.0	21	9.1	...	...	...
Kirkintilloch ...	Boys	523	84	16.1	412	78.8	27	5.1	...	...	...
	Girls	469	66	14.1	360	76.8	42	8.9	...	...	...
	Total	992	150	15.1	772	77.8	69	7.0	...	...	...
New Kilpatrick	Boys	254	48	18.9	199	78.4	6	2.3	...	...	...
	Girls	224	34	15.2	178	79.5	12	5.3	...	...	...
	Total	478	82	17.2	377	78.9	18	3.7	...	...	...
Old Kilpatrick	Boys	857	75	8.7	718	83.9	61	7.1	3	0.3	...
	Girls	844	77	9.1	677	80.3	89	10.5	1	0.1	...
	Total	1701	152	8.9	1395	82.1	150	8.8	4	0.2	4
Dumbarton ...	Boys	563	9	1.6	524	93.1	29	5.1	1	0.2	...
	Girls	606	14	2.2	560	92.5	29	4.8	3	0.5	...
	Total	1169	23	1.9	1084	92.8	58	5.0	4	0.3	...
Vale of Leven	Boys	503	44	8.7	359	71.4	91	18.1	9	1.8	...
	Girls	515	49	9.4	400	77.8	64	12.4	2	0.4	...
	Total	1018	93	9.1	759	74.6	155	15.2	11	1.1	...
Helensburgh ...	Boys	503	67	13.3	382	76.0	53	10.5	...	...	...
	Girls	438	57	13.0	330	75.4	50	11.4	...	...	...
	Total	941	124	13.2	712	75.7	103	10.9	2	0.2	...
Total	Boys	3326	344	10.4	2692	81.0	275	8.2	15	0.4	...
	Girls	3205	310	9.7	2588	80.7	299	9.4	8	0.2	...
	Total	6531	654	10.1	5280	80.8	574	8.8	23	0.3	4

SCHOOL MANAGEMENT AREA		ROUTINE CASES										NON-ROUTINE CASES	
		Number of Routine Cases Examined		No Teeth Decayed		1 to 4 Teeth Decayed		5 or more Teeth Decayed		Oral Sepsis		5 or more Decayed	Oral Sepsis
		No.	%	No.	%	No.	%	No.	%	No.	%		
Cumbernauld	Boys	123	28.4	35	43.2	62	50.5	26	21.1	2	1.6	...	...
	Girls	109	43.2	47	40.4	44	40.4	18	16.4	...	...	...	...
	Total	232	35.3	82	45.8	106	45.8	44	18.9	2	0.8	...	...
Kirkintilloch ...	Boys	523	47.6	249	47.6	219	41.9	55	10.5	1	0.2	...	...
	Girls	469	54.8	257	54.8	151	32.2	61	13.0	3	0.6	...	...
	Total	992	51.0	506	51.0	370	37.3	116	11.7	4	0.4	1	...
New Kilpatrick	Boys	254	54.4	138	54.4	95	37.4	21	8.2	...	...	...	...
	Girls	224	62.6	140	62.6	69	30.8	15	6.6	...	...	...	...
	Total	478	58.5	278	58.5	164	34.1	36	7.4	...	...	...	...
Old Kilpatrick	Boys	857	42.0	359	42.0	345	40.2	153	17.8	24	2.8	...	...
	Girls	844	47.5	401	47.5	290	34.4	153	18.1	23	2.6	...	...
	Total	1701	44.7	760	44.7	635	37.3	306	18.0	47	2.7	3	...
Dumbarton ...	Boys	563	55.1	310	55.1	19	3.4	234	41.5	1	0.2	...	...
	Girls	606	71.0	430	71.0	11	1.7	165	27.3	1	0.2	...	...
	Total	1169	63.1	740	63.1	30	2.5	399	34.4	2	0.2	2	...
Vale of Leven	Boys	503	42.1	212	42.1	137	27.2	154	30.7	41	8.1	...	...
	Girls	515	44.6	230	44.6	141	27.4	144	28.0	39	7.5	...	...
	Total	1018	43.4	442	43.4	278	27.3	298	29.3	80	7.8	7	...
Helensburgh ...	Boys	503	55.9	266	55.9	123	24.4	114	22.7	31	6.1	...	...
	Girls	438	55.3	242	55.3	118	26.9	78	17.8	25	5.7	...	...
	Total	941	54.1	508	54.1	241	25.7	192	20.2	56	5.9	7	...
Total ...	Boys	3326	47.2	1569	47.2	1000	30.1	757	22.7	100	3.0	...	...
	Girls	3205	54.5	1747	54.5	824	25.8	634	19.7	91	2.8	...	...
	Total	6531	50.8	3316	50.8	1824	28.0	1391	21.2	191	2.9	20	...

# 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS.

(a) Nose.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Catarrh.			Obstruction			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	232	...	...	...	...	...	...	1	0.4	...	1	0.4	...
Kirkintilloch ...	992	...	...	...	1	0.1	1	10	1.0	2	11	1.1	3
New Kilpatrick	478	...	...	...	1	0.2	...	1	0.2	...	2	0.4	...
Old Kilpatrick	1701	9	0.5	...	39	2.3	2	13	0.7	1	61	3.5	3
Dumbarton ...	1169	35	2.9	14	1	0.1	1	8	0.7	16	44	3.7	31
Vale of Leven ...	1018	18	1.7	9	58	5.7	2	3	0.3	4	79	7.7	15
Helensburgh ...	941	16	1.7	5	54	5.7	1	3	0.3	7	73	7.7	13
Total ...	6531	78	1.2	28	154	2.3	7	39	0.6	30	271	4.1	65

(b) I, Tonsils.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Enlarged			Non- Routine	Much Enlarged			Removed		
		Routine		Non- Routine		Routine		Non- Routine	Routine		Non- Routine
		No.	%			No.	%		No.	%	
Cumbernauld	232	2	0.8	...	...	3	1.3	1	16	6.8	...
Kirkintilloch	992	12	1.2	14	14	17	1.7	12	145	14.6	...
New Kilpatrick	478	5	1.0	...	...	3	0.6	1	87	18.1	...
Old Kilpatrick	1701	119	7.0	10	10	68	4.0	20	216	12.7	1
Dumbarton ...	1169	81	6.9	21	21	69	5.9	5	197	16.8	...
Vale of Leven	1018	151	14.8	4	4	70	6.8	44	190	18.6	1
Helensburgh ...	941	135	14.3	1	1	65	7.9	30	159	16.9	...
Total ...	6531	505	7.7	50	50	295	4.5	113	1010	15.4	2

## 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(b) 2, Adenoids.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Present			Suspected			Removed		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	232	2	0.9	...	3	1.3	2	16	6.9	...
Kirkintilloch ...	992	8	0.8	16	8	0.8	12	147	14.8	...
New Kilpatrick	478	5	1.0	3	...	...	...	98	20.5	...
Old Kilpatrick	1701	12	0.7	11	55	3.2	7	212	12.5	...
Dumbarton ...	1169	10	0.8	9	7	0.6	2	110	9.4	...
Vale of Leven	1018	3	0.3	3	61	5.9	17	171	16.8	...
Helensburgh ...	941	2	0.2	2	57	6.0	8	141	14.9	...
Total ...	6531	42	0.6	44	191	2.9	48	895	13.6	...

## 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(c) *Lymphatic Glands—Submaxillary and Cervical.*

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Palpably Enlarged				Markedly Enlarged				Suppurating				Cicatrices			
		Submaxillary		Cervical		Submaxillary		Cervical		Submaxillary		Cervical		Submaxillary		Cervical	
		Routine No.	% Routine	Routine No.	% Routine	Routine No.	% Routine	Routine No.	% Routine	Routine No.	% Routine	Routine No.	% Routine	Routine No.	% Routine	Routine No.	% Routine
Cumbernauld ...	232	3	1.3	1	0.4	1	0.4	...	...	...	...	...	...	2	0.8	1	0.4
Kirkintilloch ...	992	8	0.8	2	0.2	1	...	...	...	...	...	...	...	5	0.5	1	0.1
New Kilpatrick	478	...	...	...	...	...	...	...	...	...	...	...	...	4	0.8	3	0.6
Old Kilpatrick ...	1701	17	1.0	2	...	...	43	2.5	4	1	0.1	...	...	...	...	2	0.1
Dumbarton ...	1169	2	0.2	3	1.2	4	...	...	...	...	...	...	...	3	0.2	...	...
Vale of Leven ...	1018	14	1.3	3	...	2	78	7.6	10	1	0.1	1	...	14	1.3	...	...
Helensburgh ...	941	11	1.1	...	...	...	58	6.1	10	...	...	2	...	4	0.4	1	0.1
Total ...	6531	55	0.8	14	17	7	180	2.7	25	3	0.1	5	...	32	0.4	8	0.1

## 7.—L. EXTERNAL EYE DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Strabismus			Blepharitis			Conjunctivitis			Corneal Opacities			Other Diseases		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	Boys	2	1.6	...	...	...	...	...	...	...	...	...	...	...	...	...
	Girls	4	3.6	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	6	2.5	2	...	...	1	...	...	...	...	...	...	...	...	...
Kirkcaldilloch	Boys	11	2.1	...	3	0.6	...	...	...	...	...	...	...	2	0.4	...
	Girls	4	0.8	...	1	0.2	...	...	...	...	...	...	...	...	...	...
	Total	15	1.5	1	4	0.4	...	...	...	9	...	...	1	2	0.2	7
New Kilpatrick	Boys	7	2.7	...	...	...	...	1	0.4	...	...	...	...	...	...	...
	Girls	7	3.1	...	...	...	...	1	0.4	...	...	...	...	1	...	...
	Total	14	2.8	1	...	...	...	2	0.4	...	1	0.2	...	1	0.2	...
Old Kilpatrick	Boys	32	3.6	...	9	1.0	...	...	...	...	1	0.1	...	4	0.4	...
	Girls	23	2.7	...	7	0.8	...	...	...	...	...	...	...	1	0.1	...
	Total	55	3.2	13	16	0.9	8	...	...	8	1	0.1	1	5	0.3	15
Dumbarton	Boys	21	3.7	...	17	3.0	...	1	0.2	...	1	0.2	...	1	0.2	...
	Girls	17	2.7	...	15	2.4	...	1	0.1	...	...	...	...	6	0.9	...
	Total	38	3.2	2	32	2.7	9	2	0.2	17	1	0.1	4	7	0.6	7
Vale of Leven	Boys	18	3.5	...	4	0.8	...	2	0.4	...	...	...	...	2	0.4	...
	Girls	18	3.4	...	2	0.4	...	...	...	...	1	0.2	...	3	0.6	...
	Total	36	3.4	12	6	0.6	4	2	0.2	1	1	0.1	...	5	0.5	7
Helensburgh	Boys	15	2.8	...	2	0.4	...	...	...	...	3	0.6	...	1	0.2	...
	Girls	16	3.6	...	3	0.7	...	1	0.2	...	...	...	...	1	0.2	...
	Total	31	3.2	1	5	0.5	...	1	0.1	5	3	0.3	...	2	0.2	2
Total	Boys	106	3.2	...	35	1.0	...	4	0.1	...	5	0.1	...	10	0.3	...
	Girls	89	2.8	...	28	0.8	...	3	0.1	...	2	0.1	...	12	0.3	...
	Total	195	3.0	32	63	0.9	22	7	0.1	40	7	0.1	6	22	0.3	38

# 7.—N. EAR DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Otorrhoea			Wax			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	232	2	0·8	2	...	...	...	...	...	1	2	0·8	3
Kirkintilloch ...	992	8	0·8	18	2	0·2	2	1	0·1	15	11	1·1	35
New Kilpatrick...	478	2	0·4	1	...	...	...	...	...	...	2	0·4	1
Old Kilpatrick ...	1701	19	1·1	15	9	0·5	7	2	0·1	12	30	1·7	34
Dumbarton ...	1169	12	1·0	23	1	0·1	2	3	0·2	2	16	1·3	27
Vale of Leven ...	1018	11	1·0	17	1	0·1	1	5	0·5	2	17	1·6	20
Helensburgh ...	941	7	0·7	6	1	0·1	1	6	0·6	5	14	1·4	12
Total ...	6531	61	0·9	82	14	0·2	13	17	0·2	37	92	1·4	132

# 7.—O. HEARING.

SCHOOL MANAGEMENT AREA	* Number of Routine Cases Examined	Slightly Deaf			Very Deaf			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	129	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	689	3	0·4	1	...	...	...	3	0·4	1
New Kilpatrick	300	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1023	17	1·7	3	...	...	2	17	1·7	5
Dumbarton ...	888	16	1·8	...	3	0·3	...	19	2·1	...
Vale of Leven	634	15	2·3	1	4	0·6	...	19	2·9	1
Helensburgh	696	9	1·3	...	5	0·7	1	14	2·0	1
Total ...	4359	60	1·4	5	12	0·3	3	72	1·7	8

# 7.—M. Visual Acuity (Snellen's Test at 6 Metres).

Vision shown is "Working Vision," i.e., Vision of better eye. Good Vision= $\frac{6}{6}$ . Fair Vision= $\frac{6}{6}$ . Bad Vision= $\frac{6}{6}$  or worse.

21A

School Management Area		ROUTINE CASES																																	Non-Routine						
		Age 8								Age 14								Age 16								Total															
		No. Examined		Good		Fair		Bad		Bad in one Eye only		No. Examined		Good		Fair		Bad		Bad in one Eye only		No. Examined		Good		Fair		Bad		Bad in One Eye only		Bad	Bad in One Eye only								
				No.	%	No.	%	No.	%	No.	%			No.	%	No.	%	No.	%	No.	%			No.	%	No.	%	No.	%	No.	%			No.			%	No.	%		
Cumbernauld	Boys	49	45	91.9	3	6.1	1	2.0	2	4.0	19	17	89.5	2	10.5	...	...	2	10.5	...	...	...	...	...	...	...	...	...	...	...	68	62	91.2	5	7.4	1	1.4	4	5.8	...	...
	Girls	43	39	90.8	3	6.9	1	2.3	...	...	18	15	83.4	2	11.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	61	54	88.5	5	8.2	2	3.3	...	...	...	...	
Kirkintilloch	Boys	183	165	90.2	13	7.1	5	2.7	5	2.7	169	154	91.2	8	4.7	7	4.1	5	3.0	15	8	93.4	...	...	...	...	...	...	...	...	367	333	90.8	21	5.7	13	3.5	11	3.0	...	...
	Girls	130	120	92.3	3	2.3	7	5.4	...	...	183	164	89.7	10	5.4	9	4.9	9	4.9	...	...	...	...	...	...	...	...	...	...	...	322	292	90.7	13	4.0	17	5.3	12	3.9	...	...
New Kilpatrick	Boys	103	101	98.2	1	0.9	1	0.9	2	1.9	57	47	82.5	2	3.5	8	14.0	1	1.7	...	...	...	...	...	...	...	...	...	...	...	160	148	92.5	3	1.9	9	5.6	3	1.9	...	...
	Girls	74	67	90.6	6	8.1	1	1.3	2	2.7	66	61	92.5	2	3.0	3	4.5	...	...	...	...	...	...	...	...	...	...	...	...	140	128	91.5	8	5.7	4	2.8	...	...	...	...	
Old Kilpatrick	Boys	177	168	95.0	7	3.9	2	1.1	4	2.2	123	108	87.8	4	3.2	11	9.0	1	0.8	...	...	...	...	...	...	...	...	...	...	...	300	276	92.0	11	3.6	13	4.4	5	1.6	8	...
	Girls	228	209	91.7	15	6.6	4	1.7	8	3.5	297	258	86.9	23	7.8	16	5.3	11	3.7	...	...	...	...	...	...	...	...	...	...	...	525	467	89.0	38	7.2	20	3.8	19	3.6	...	...
Dumbarton	Boys	398	364	91.5	25	6.2	9	2.3	15	3.8	625	554	88.6	43	6.9	28	4.5	27	4.3	...	...	...	...	...	...	...	...	...	...	...	1023	918	89.8	68	6.6	37	3.6	42	4.1	29	2
	Girls	181	174	96.2	6	3.3	1	0.5	4	2.2	192	185	96.4	7	3.6	...	...	6	3.1	32	30	93.8	...	...	...	...	...	...	...	417	396	95.0	15	3.6	6	1.4	15	3.6	...	...	
Vale of Leven	Boys	207	184	89.0	16	7.7	7	3.3	9	4.3	94	82	87.3	10	10.6	2	2.1	5	5.3	15	14	93.4	...	...	...	...	...	...	...	...	316	280	88.7	27	8.5	9	2.8	15	4.7	...	...
	Girls	202	189	93.6	7	3.4	6	3.0	4	2.9	110	90	81.9	14	12.7	6	5.4	5	4.5	6	6	100.0	...	...	...	...	...	...	...	...	471	434	92.2	25	5.3	12	2.5	14	2.9	...	...
Helensburgh	Boys	409	373	91.3	23	5.6	13	3.1	13	3.1	204	172	84.4	24	11.7	8	3.9	10	4.9	21	20	95.2	1	4.8	...	...	...	...	...	...	634	565	89.1	48	7.6	21	3.3	25	3.9	17	...
	Girls	230	202	87.9	19	8.2	9	3.9	8	3.5	121	105	86.9	13	10.7	3	2.5	7	5.8	16	12	87.5	...	...	...	...	...	...	...	...	367	321	87.5	32	8.7	14	3.8	15	4.1	...	...
Total	Boys	1193	1087	91.1	75	6.3	31	2.6	42	3.5	949	848	89.4	65	7.4	36	3.8	37	3.9	78	72	92.3	2	1.3	5	6.4	3	3.8	2220	2007	90.5	141	6.3	72	3.2	82	3.7	...	...		
	Girls	1000	925	92.5	49	4.9	26	2.6	24	2.4	1068	945	88.5	79	7.4	44	4.1	44	4.1	71	62	87.4	3	4.2	6	8.4	7	9.8	2139	1932	90.4	131	7.6	76	3.5	75	3.4	...	...		
Total		2193	2012	91.8	124	5.6	57	2.6	66	3.0	2017	1793	89.0	144	7.1	80	3.9	81	4.0	149	134	90.0	4	2.6	11	7.4	10	6.8	4359	3939	90.5	272	6.2	148	3.3	157	3.6	116	2		



## 7.—P. SPEECH.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Defective Articulation			Stammering			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld...	232	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	992	1	0·1	...	...	...	...	1	0·1	...
New Kilpatrick	478	...	...	...	2	0·4	...	2	0·4	...
Old Kilpatrick	1701	8	0·5	...	6	0·3	...	14	0·8	...
Dumbarton ...	1169	4	0·3	...	2	0·2	...	6	0·5	...
Vale of Leven	1018	2	0·2	1	4	0·4	...	6	0·6	1
Helensburgh ...	941	1	0·1	...	...	...	...	1	0·1	...
Total ...	6531	16	0·2	1	14	0·2	...	30	0·4	1

7.—G. MENTAL CONDITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Dull or Backward			Mentally Deficient			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	232	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	992	13	1.3	2	1	0.1	...	14	1.4	2
New Kilpatrick	478	...	...	2	...	...	...	...	...	2
Old Kilpatrick	1701	7	0.4	1	...	...	2	7	0.4	3
Dumbarton ...	1169	2	0.2	...	2	0.2	...	4	0.3	...
Vale of Leven	1018	3	0.3	2	4	0.4	...	7	0.7	2
Helensburgh ...	941	3	0.3	...	2	0.2	...	5	0.5	...
Total ...	6531	28	0.4	7	9	0.1	2	37	0.5	9

# 7.—R. HEART AND CIRCULATION.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Organic Disease				Functional Disease				Total		
		Congenital		Acquired		Routine		Non- Routine		Routine		Non- Routine
		No.	%	No.	%	No.	%	No.	%	No.	%	
Cumbernauld ...	232	...	...	1	0.4	...	...	1	0.4	1	...	
Kirkintilloch ...	992	1	0.1	...	0.2	4	0.1	1	0.1	4	0.4	
New Kilpatrick	478	...	...	...	0.2	...	0.2	1	0.2	2	0.4	
Old Kilpatrick ...	1701	2	0.1	...	0.5	3	0.1	2	0.1	12	0.7	
Dumbarton ...	1169	1	0.1	...	0.7	2	0.1	1	0.1	10	0.8	
Vale of Leven ...	1018	2	0.2	3	1.1	2	0.3	3	0.3	17	1.6	
Helensburgh ...	941	2	0.2	...	1.5	3	0.3	3	0.3	20	2.1	
Total	6531	8	0.1	4	0.7	14	0.1	11	0.1	66	1.0	
											19	

## 7.—S. LUNGS.

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Bronchial Catarrh			Bronchitis			Tuberculosis			Tuberculosis Suspected			Asthma			Total		
		No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine
Cumbernauld	232	...	...	...	1	0.4	...	...	...	...	...	...	...	1	0.4	...	1	0.4	...
Kirkintilloch	992	...	...	...	4	0.4	9	...	...	...	...	...	...	7	0.7	...	11	1.1	9
New Kilpatrick	478	...	...	...	4	0.8	...	...	...	...	...	...	...	7	1.4	...	11	2.2	...
Old Kilpatrick	1701	16	0.9	2	13	0.7	7	...	...	...	...	...	...	1	0.1	1	30	1.8	10
Dumbarton	1169	80	6.8	16	7	0.6	9	2	0.2	1	...	...	...	2	0.2	4	91	7.7	30
Vale of Leven	1018	29	2.8	6	4	0.4	2	...	...	...	...	...	...	2	0.2	1	35	3.4	9
Helensburgh	941	18	1.9	10	1	0.1	2	...	...	...	...	...	...	4	0.4	2	23	2.4	14
Total	6531	143	2.3	34	34	0.5	29	2	0.1	1	...	...	...	23	0.3	8	202	3.1	72

# 7.—T. NERVOUS SYSTEM.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Epilepsy			Chorea			Infantile Paralysis			Others			Total		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	232	1	0·4	...	...	...	...	2	0·8	...	...	...	...	3	1·2	...
Kirkintilloch	992	...	...	...	...	...	3	...	...	...	...	...	1	...	...	4
New Kilpatrick	478	1	0·2	...	1	0·2	...	...	...	...	...	...	...	2	0·4	...
Old Kilpatrick	1701	1	0·1	2	...	...	3	3	0·2	1	...	...	...	4	0·2	6
Dumbarton	1169	...	...	...	...	...	...	1	0·1	2	1	0·1	...	2	0·2	2
Vale of Leven	1018	...	...	1	...	...	4	1	0·1	2	1	0·1	3	2	0·2	10
Helensburgh	941	1	0·1	...	4	0·4	4	4	0·4	1	1	0·1	1	10	1·0	6
Total	6531	4	0·1	3	5	0·1	14	11	0·1	6	3	0·1	5	23	0·4	28

## 7.-U. TUBERCULOSIS (NON-PULMONARY).

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Glands			Bones			Joints			Abdominal			Others			Total		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	232	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	992	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Kilpatrick	478	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1701	1	0.1	...	...	...	...	...	...	...	1	0.1	...	...	...	...	2	0.1	...
Dumbarton	1169	1	0.1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	1
Vale of Leven	1018	...	...	1	...	...	...	...	...	...	1	0.1	1	...	...	...	1	0.1	2
Helensburgh	941	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	6531	2	0.1	2	...	...	...	...	...	...	2	0.1	1	...	...	...	4	0.1	3

## 7.—V. RICKETS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slight			Non- Routine	Marked			Non- Routine	Total		
		Routine		0/ 10		Routine		0/ 10		Routine		0/ 10
		No.				No.				No.		
Cumbernauld	232	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	992	...	...	...	...	...	...	...	...	...	...	...
New Kilpatrick	478	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1701	...	...	...	...	1	0.1	...	...	1	0.1	...
Dumbarton ...	1169	5	0.4	...	...	1	0.1	...	...	6	0.5	...
Vale of Leven	1018	1	0.1	...	...	...	...	...	...	1	0.1	...
Helensburgh ...	941	1	0.1	...	...	...	...	...	...	1	0.1	...
Total ...	6531	7	0.1	...	...	2	0.1	...	...	9	0.1	...

## 7.—W. DEFORMITIES.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Congenital			Acquired (Non-Rachitic)			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	23	...	...	...	11	4.7	...	11	4.7	...
Kirkintilloch ...	992	2	0.2	...	25	2.5	11	27	2.7	11
New Kilpatrick	478	1	0.2	...	6	1.2	...	7	1.4	...
Old Kilpatrick	1701	6	0.3	...	42	2.4	7	48	2.8	7
Dumbarton ...	1169	4	0.3	1	47	4.0	...	51	4.3	1
Vale of Leven	1018	4	0.4	...	17	1.7	4	21	2.0	4
Helensburgh	941	4	0.4	...	18	1.9	8	22	2.2	8
Total ...	6531	21	0.3	1	166	2.5	30	187	2.8	31

## 7.—X. INFECTIOUS OR CONTAGIOUS DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Examined	Scarlet Fever			Diphtheria			German Measles			Whooping Cough			Chicken Pox			Mumps			Total		
		Routine No.	% %	Non- Rou- tine	Routine No.	% %	Non- Rou- tine	Routine No.	% %	Non- Rou- tine	Routine No.	% %	Non- Rou- tine	Routine No.	% %	Non- Rou- tine	Routine No.	% %	Non- Rou- tine	Routine No.	% %	Non- Rou- tine
Cumbernauld ...	232	...	...	...	...	...	...	...	...	...	...	...	...	2	0.9	...	...	...	...	2	0.9	...
Kirkintilloch ...	992	...	...	...	...	...	1	...	...	1	...	...	...	...	...	5	...	...	14	...	...	22
New Kilpatrick ...	478	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick ...	1701	...	...	...	...	...	1	...	...	7	0.1	0.1	9	1	0.1	...	...	...	...	3	0.2	17
Dumbarton ...	1169	...	...	...	...	...	...	...	...	...	...	...	1	7	0.6	10	...	...	3	7	0.6	14
Vale of Leven ...	1018	...	...	1	...	...	1	0.1	...	...	9	0.8	...	...	...	1	...	...	6	10	0.9	9
Helensburgh ...	941	...	...	...	...	...	5	...	...	20	4	0.4	...	...	...	2	...	...	...	4	0.4	28
Total ...	6531	...	...	1	...	...	2	1	0.1	8	15	0.2	29	10	0.1	27	...	...	23	26	0.4	90

## 7.—Y. OTHER DISEASES AND DEFECTS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Hernia			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	232	1	0.4	...	7	3.0	6	8	3.4	6
Kirkintilloch ...	992	1	0.1	...	9	0.9	112	10	1.0	112
New Kilpatrick	478	...	...	...	2	0.4	1	2	0.4	1
Old Kilpatrick	1701	4	0.2	1	46	2.7	89	50	2.9	90
Dumbarton ...	1169	4	0.3	...	86	7.3	99	90	7.7	99
Vale of Leven	1018	1	0.1	...	37	3.6	76	38	3.7	76
Helensburgh ...	941	...	...	...	32	3.2	52	32	3.2	52
Total ...	6531	11	0.2	1	219	3.3	435	230	3.5	436

## PREVIOUS ILLNESSES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Small- pox		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	232	187	80.6	131	56.4	72	31.0	45	19.4	32	13.7	5	2.1	...	...	1	0.4	...	...	48	20.7
Kirkintilloch ...	992	799	80.5	516	52.0	303	30.5	225	22.6	149	15.0	50	5.0	...	...	10	1.0	1	0.1	217	21.8
New Kilpatrick	478	349	72.8	230	48.0	194	40.5	109	22.8	47	9.7	7	1.4	...	...	5	1.0	1	0.2	114	23.8
Old Kilpatrick ...	1701	1491	87.6	950	55.8	558	32.8	430	25.3	312	18.3	111	6.5	...	...	19	1.1	1	0.1	434	25.5
Dumbarton ...	1169	888	75.9	741	63.3	400	34.0	319	27.2	174	14.9	105	8.9	...	...	20	1.7	4	0.3	317	27.1
Vale of Leven ...	1018	835	82.0	635	62.3	401	39.3	298	29.2	153	15.0	54	5.3	...	...	10	0.9	1	0.1	276	27.1
Helensburgh ...	941	716	76.1	520	55.3	397	42.9	237	25.2	127	13.5	62	6.6	...	...	9	0.9	...	...	266	28.2
Total ...	6531	5265	80.6	3723	57.0	2325	35.6	1663	25.4	994	15.2	394	6.0	...	...	74	1.1	8	0.1	1672	25.6

## VACCINATION.

SCHOOL MANAGEMENT AREA	Entrants		Age 8		Age 14		Age 16		Total	
	Rou- tine Cases Exam- ined	Unvaccinated	Rou- tine Cases Exam- ined	Unvaccinated	Rou- tine Cases Exam- ined	Unvaccinated	Rou- tine Cases Exam- ined	Unvaccinated	Rou- tine Cases Exam- ined	Unvaccinated
		No.		No.		No.		No.		No.
Cumbernauld	103	66	92	76	37	30	...	...	232	172
Kirkintilloch	303	220	313	239	352	256	72.7	54.2	992	728
New Kilpatrick	178	122	177	99	123	62	50.4	...	478	283
Old Kilpatrick	678	554	398	320	625	423	67.6	...	1701	1297
Dumbarton	281	197	374	267	442	294	66.5	33.3	1169	782
Vale of Leven	384	302	409	315	204	106	51.9	23.8	1018	728
Helensburgh	245	148	430	246	234	109	46.5	25.0	941	511
Total	2172	1609	2193	1562	2017	1280	63.4	33.5	6531	4501
	*Decrease compared with last year — 2.0%		*Increase compared with last year — 1.7%		*Increase compared with last year — 3.1%		*Increase compared with last year — 6.4%		*Increase compared with last year — 0.8%	

## 8.—Special Schools and Classes.

*Special Schools*.—There are three Special Schools in the County—Waverley Park Home, Kirkintilloch ; Milton School, Bowling ; and College Street School, Dumbarton.

In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-minded, there is at present no pupil from the County.

Milton Special School, which serves the Old Kilpatrick Area, and also includes Deaf-Mute pupils from Vale of Leven, Dumbarton, Helensburgh, and New Kilpatrick, has been closed since the outbreak of war. Some of the children were evacuated to Portkil Hotel, Kilcreggan, and later transferred to The Grove, Clynder, accompanied by a teacher and a nurse. At the end of the present session 7 children were still in residence there.

The other children from Milton Special School were conveyed to College Street School, Dumbarton, and dispersed through the classes there.

With the additional pupils brought in from Milton Special School, College Street School now has 4 classes for Mentally Defectives, with 79 on the roll ; and 2 classes for Physically Defectives with 31 on the roll ; 3 classes for Myopics with 37 on the roll ; and 1 class for Deaf Mutes, with 10 on the roll. The pupils in the Deaf Mute Classes are drawn from the whole County, except the parishes of Kirkintilloch and Cumbernauld.

*Special Classes* (a) *For Mentally Defective Children*.—Lairdsland School, Kirkintilloch, with 22 on the roll (two classes).

(b) *For Conservation of Vision*.—Lairdsland School, Kirkintilloch, with 10 on the roll ; Whitecrook School, Clydebank (temporarily at College Street School, Dumbarton), where there are 37 on the roll. Total 47.

The following are the totals for the County :—

Mentally Defectives	...	...	...	...	...	...	108
Physically Defectives	...	...	...	...	...	...	31
Deaf Mutes	...	...	...	...	...	...	10
Conservation of Vision	...	...	...	...	...	...	47
Total	...	...	...	...	...	...	196

Number of Physically Defective Children in Institutions paid for by the County Council	...	...	...	...	...	5
Number of Mentally Defective Children in Institutions paid for by the County Council	...	...	...	...	...	2
Blind Persons in training under Blind Persons' Act, 1920 (cost of training borne by the County Council and maintenance by the Local Authority)						
(a) Glasgow Royal Blind Asylum	...	...	...	...	...	6
(b) Edinburgh Royal Blind Asylum	...	...	...	...	...	2
Total	...	...	...	...	...	15

*Medical Inspection*.—All the children attending special Schools were medically examined during the session, as has been done each year for some time past. During the present session 133 children—73 boys and 60 girls—were examined. Of these, 72 were mentally defective, and 61 physically defective. Of the 61 physically defective children 10 were myopic and 7 were deaf mute.

Twenty-seven of these children were classed as having nutrition below average, while four had very bad nutrition. Four showed evidence of ear, nose or throat disease, thirty-three had defective eyesight, while twenty-five showed physical deformities, congenital or acquired.

*Special Appliances Supplied to Pupils*.—During the session the committee agreed to the provision or repair of the following appliances :—

							<i>Pupils.</i>
Special Boots	...	...	...	...	...	...	1
Special Boots and Splints	...	...	...	...	...	...	2
Splint and Crutches	...	...	...	...	...	...	—
Splints	...	...	...	...	...	...	2
Foot Supports	...	...	...	...	...	...	—
Special Jackets	...	...	...	...	...	...	2
Artificial Eye	...	...	...	...	...	...	1
							<hr/> 8 <hr/>

## 9.—Arrangements for Physical Education and Personal Hygiene.

A. *Physical Exercises*.—The arrangements for these remain much the same as in former years. (See Annual Reports, 1914-15, page 72 ; 1919-20, page 41 ; 1920-21, page 38 ; and 1927-28, page 37).

Children for whom exemption from Physical Exercises or Baths was asked were examined by the School Medical Officers and exemption was granted if sufficient reason were found. In addition to these a number of children who were found by the School Medical Officers in the course of routine examinations to be suffering from such physical defect as demanded exemption from drill or baths were exempted.

The reasons for exemption were as follows :—

### (a) *From Drill and Baths* :—

Defective Heart	...	...	...	...	...	...	23
Rheumatism and Chorea	...	...	...	...	...	...	4
Recent Abdominal Operation (Appendicitis, etc.)	...	...	...	...	...	...	6
Affections of Bones or Joints	...	...	...	...	...	...	4
Hernia	...	...	...	...	...	...	—
Others	...	...	...	...	...	...	17
							<hr/> 54 <hr/>

### (b) *From Baths Only* :—

Ear Disease	...	...	...	...	...	...	4
Skin Disease	...	...	...	...	...	...	—
Others	...	...	...	...	...	...	1
							<hr/> 5 <hr/>

## 10.—Feeding of School Children.

In Cumbernauld Area seven pupils were granted one pint of milk daily for periods from eight to twenty-four weeks. In Vale of Leven Area nine were granted one pint of milk daily for periods from four to thirty-six weeks. In the other areas no children were granted free milk.

### Milk-in-Schools Scheme.

The average number of pupils taking advantage of this scheme throughout the session was approximately 14,000, which gives an average of 60.5 per cent. of the number of pupils on the roll.

### Employment of Children.

Permits under the Children and Young Persons (Scotland) Act, 1932, are now issued by the School Management Committees. New Bye-Laws came into operation during the Session 1933-34. The numbers of children examined by the Medical Inspectors during the year were as follows :—

		Granted.	Refused.	Total.
Cumbernauld	... ..	3	—	3
Kirkintilloch	... ..	—	—	—
New Kilpatrick	... ..	37	—	37
Old Kilpatrick	... ..	79	—	79
Dumbarton	... ..	86	10	96
Vale of Leven	... ..	36	4	40
Helensburgh	... ..	2	—	2
Total	... ..	<u>243</u>	<u>14</u>	<u>257</u>

### Admission of Children to Approved Schools.

During the session 25 children were examined with special regard to their suitability, physically and mentally, for admission to Approved Schools. All these children were committed by the Sheriff to institutions.

### II.—Arrangements for Medical Treatment.

See Annual Reports, 1927-28, pages 38, 39 and 40, and 1928-1929, pages 46 to 54.

See also Annual Report for 1935-36 for summary of facilities for treatment in the County.

### X-Ray Treatment of Ringworm.

No cases of Ringworm of the scalp have been found on medical examination during the last four years.

### Ultra-Violet Light Treatment.

In the Old Kilpatrick Area the Duntocher Clinic was destroyed by enemy action in March, 1941. All records were destroyed, and there have been no cases treated by Ultra-Violet Light Treatment since that date.

In Dumbarton Burgh 14 children were treated. The number of attendances was 295, an average of 21.1 per patient. The causes of reference were Bronchitis 9, Dermatitis 1, Alopecia 1, Eczema 1, others 2. All were improved.

At the Alexandria Clinic 16 school children were treated. The number of attendances was 370, and the average number of treatments 23. The causes of reference were Debility 7 ; Bronchial conditions 4 ; Adenitis 1 ; others 4. Eleven were classified as improved, and 5 as showing no improvement.

At the Kirkintilloch Clinic 15 school-children were treated, making 372 attendances, an average of 25 visits per patient. The causes of references were Debility 8, Glands 2, Anaemia 2, Bronchitis 3. All cases were improved by treatment.

### Children Attending Nursery Schools.

Owing to war conditions the Nursery School in Elgin Street School had to be discontinued as the premises were required for other purposes. By arrangement with Glasgow Education Authority, Dr. Cathels visits Mile End Nursery School, now evacuated to Bellcairn, Cove, at intervals during the year.

### Attendance at Junior Instruction Centres.

No visits were paid during the session to any of the Junior Instruction Centres.

### ORTHOPAEDIC TREATMENT.

It will be noted that there is a considerable reduction in the number of children receiving orthopaedic treatment. This was due to the closing of the Clinic at Whitecrook, Clydebank, after the air-raids in March. Every effort was made to trace the children under treatment who were evacuated to other areas in the County so that the treatment might be continued in the nearest available Clinic, but these efforts were not very successful.

The cases treated were as follows :—

Deformity or Disease	Clydebank Clinic			Dumbarton Clinic			Kirkintilloch Clinic			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Kyphosis	...	4	4	3	2	5	2	1	3	5	7	12
Kyphosis and Scoliosis	...	...	...	...	...	...	...	...	...	...	...	...
Scoliosis	1	1	2	1	2	3	1	1	2	3	4	7
Lordosis	3	4	7	1	2	3	4	3	7	8	9	17
Kypho-Lordosis	1	1	2	6	4	10	6	3	9	13	8	21
Chest Deformities	1	3	4	15	4	19	2	1	3	18	8	26
Infantile Paralysis	...	2	2	2	4	6	1	3	4	3	9	12
Knock Knees	...	...	...	...	...	...	...	...	...	...	...	...
Foot Deformities	2	10	12	8	6	14	10	12	22	20	28	48
Others	...	...	...	2	5	7	4	6	10	6	11	17
Total	8	25	33	38	29	67	30	30	60	76	84	160

### RESPONSE TO TREATMENT.

Clinic		Good	Fair	Unsatisfactory
Clydebank	...	12	15	6
Dumbarton	...	28	31	8
Kirkintilloch	...	27	25	8
Total	...	67	71	22

### NUMBER OF TREATMENTS GIVEN.

Clydebank 509, Dumbarton 1422, Kirkintilloch 1255.

Total 3186.

### RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

As it has been suggested that the effect of the removal of tonsils and adenoids produces little permanent benefit, an examination was made of children who had been operated on a considerable number of years before.

There were 907 children re-examined at the age of fourteen years who had had tonsils and adenoids removed previously. Of these, 828 were found to be absolutely satisfactory, the remaining 79 showing evidence of rheumatism, chorea, asthma, bronchial troubles, deafness and otorrhoea. Twenty-two children had been operated on twice, three of these remained unsatisfactory.

The following table shows details of this investigation :—

No. of Years after Operation	No. of Cases	Satisfactory	Unsatisfactory	Reasons for Classification as unsatisfactory.					
				Rheumatism	Chorea	Asthma	Bronchial Conditions	Deafness	Otorrhoea
More than									
10	171	155	16	4	1	...	5	1	5
9	126	111	15	2	1	2	5	3	2
8	208	194	14	...	2	2	4	2	4
7	128	119	9	1	...	...	3	...	5
6	91	86	5	...	...	1	2	1	1
5 or less	183	163	20	2	...	2	2	5	9
Total	907	828	79	9	4	7	21	12	26

The table which will be found on page 38 shows the results of the removal of tonsils and/or adenoids, as ascertained by examination at an interval of about one year from operation. The figures are cumulative from the investigation commenced during the session 1931-1932.

## RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

		Tonsils and Adenoids Removed.				Adenoids only Removed.			
	Number Percentage	Result Satisfactory.	Result Moderately Satisfactory.	Result Unsatisfactory	Total	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Total
		2776 77.3	592 16.4	225 6.3	3593	298 45.7	226 34.6	129 19.7	653
Mouth Breathing	Present before operation	2062	499	149	2710	264	107	97	468
	Continuing after operation	90	113	92	295	13	34	66	113
	Apparently cured ...	1972	386	57	2415	251	73	31	355
	Beginning after operation	1	9	5	15	1	...	1	1
Deafness	Present before operation	442	161	46	649	186	41	19	246
	Continuing after operation	56	79	35	170	30	16	13	59
	Apparently cured ...	386	82	11	479	156	25	6	187
	Beginning after operation	8	4	4	16	5	...	1	6
Discharging Ear	Present before operation	359	112	496	967	51	22	13	86
	Continuing after operation	62	61	146	269	13	6	9	28
	Apparently cured ...	297	51	350	698	38	16	4	58
	Beginning after operation	16	11	29	56	2	1	2	5
Discharging Nose	Present before operation	1124	285	115	1524	166	77	85	328
	Continuing after operation	110	163	106	379	16	50	78	144
	Apparently cured ...	1014	122	9	1145	150	27	7	184
	Beginning after operation	23	30	10	63	...	5	5	10
Susceptibility to Colds and/or Sore Throats	Present before operation	2138	496	154	2788	214	88	101	403
	Continuing after operation	140	184	124	448	19	46	85	150
	Apparently cured ...	1998	312	30	2340	195	42	16	253
	Beginning after operation	11	4	9	24	...	1	3	4
Enlarged Glands	Present before operation	1110	437	43	1590	38	13	32	83
	Continuing after operation	72	70	22	164	10	4	23	37
	Apparently cured ...	1038	367	21	1426	28	9	9	46
	Beginning after operation	8	8	2	18	...	...	4	4
Rheumatism or Chorea	Present before operation	134	78	11	223	10	1	...	11
	Continuing after operation	45	36	7	88	7	1	...	8
	Apparently cured ...	89	42	4	135	3	...	...	3
	Beginning after operation	50	36	4	90	2	3	...	5

## TREATMENT OF MINOR AILMENTS.

District	Nurse	Number of Children dealt with	Total Number of Attendances	Number of Visits to Parents	Number of Visits to Clinics or Schools	Eye Cases	Throat and Nose Cases	Ear Cases	Skin Cases	Others	Attendance at Eye Operation, Dental and X-Ray Clinics
Kirkintilloch, (Cumbernauld, Cumbernauld, S. Muirhead, Arns, Southern District, Condorrat)	C. Jeffrey	974	4422	29	120	110	...	66	737	61	184
New Kilpatrick, Old Kilpatrick (Landward), Cumbernauld Drumglass, Croy	M. M. Macdonald	704	2217	160	103	49	7	35	696	80	179
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer's)	S. Dougherty	304	1750	20	41	25	25	36	170	48	242
Old Kilpatrick (Radnor Park, Boquhanran, Dalmuir, St. Stephen's)	E. S. R. Stevenson	129	147	150	22	8	...	25	96	...	207
Dumbarton (Academy, Knox-land, College St., Hartfield, St. Patrick's)	M. Gilmour	565	938	22	39	19	...	28	468	50	248
Vale of Leven (except Renton)	J. Scott	743	1894	122	63	14	...	28	658	43	193
Dumbarton, (West Bridgend, St. Patrick's High, Clerkhill), Helensburgh, Vale of Leven (Renton)	K. Stevenson	445	2133	42	60	15	...	37	347	46	243
Total		3864	13,501	545	448	240	32	255	3172	328	1496



# DENTAL TREATMENT

SCHOOL MANAGEMENT AREA	DENTIST	Number of Children Treated					Conservation Treatment					Extractions					
		Routine Cases			No. of Emer- gency Cases treated	Total No. of Cases treated	Actual Attend- ances	Teeth Filled		Teeth Conserved by other Treatment		Teeth Extracted			Anaesthetics		
		No. of Cases In- spec- ified	No. of Cases re- quir- ing treat- ment	Actual No. of Cases Treated				Temporary	Per- manent	Temporary	Per- manent	Total No. of Extrac- tions	Temporary	Per- manent	Total No. of Extrac- tions	Local	General
Cumbernauld ...	Mr. Cassidy ...	537	468	382	59	441	547	4	212	36	84	336	468	90	558	205	34
Kirkintilloch ...	Mr. Cassidy ...	1419	1115	956	431	1387	1844	18	545	62	302	927	1964	437	2401	735	262
Kirkintilloch ...	Miss McKendrick	367	236	129	20	149	360	...	70	...	60	130	366	79	445	236	28
New Kilpatrick	Mr. Cassidy ...	793	553	395	91	486	745	17	321	57	177	572	191	77	268	262	6
Old Kilpatrick	Miss McKendrick	1608	915	497	412	909	1416	...	436	...	189	625	2871	497	3368	1253	373
Old Kilpatrick	Mr. Macdonald	550	436	233	125	358	778	1	145	36	407	589	252	74	326	246	...
Dumbarton ...	Miss Pugh ...	2273	1548	683	149	832	2216	14	801	43	355	1213	1280	531	1811	612	189
Vale of Leven	Miss Pugh ...	1626	962	341	53	394	1147	5	382	13	296	696	564	221	785	252	101
Vale of Leven	Mr. Macdonald	448	402	175	30	205	394	4	105	9	192	310	267	83	350	121	31
Vale of Leven	Miss McKendrick	87	43	...	33	33	67	...	9	...	8	17	39	5	44	26	2
Helensburgh ...	Mr. Macdonald	1073	992	563	87	650	1817	43	547	55	1086	1731	936	257	1193	367	87
Helensburgh ...	Miss McKendrick	374	351	108	20	128	291	...	47	...	68	115	243	48	291	241	5
Total	...	10,289	8021	4462	1510	5972	11,622	106	3620	311	3424	7261	9441	2399	11840	4556	1118

## Ophthalmic Treatment of School Children.

SCHOOL MANAGEMENT AREA.																									
		Dumbarton.				Helensburgh.				Kirkintilloch and Cumbernauld.				New Kilpatrick.				Old Kilpatrick.				Vale of Leven.			
		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
Defective Vision treated with Spectacles	H.	34	37	16	17	11	10	18	20	24	23	30	27	11	11	7	6	29	30	32	31	19	17	21	22
	H.A.	21	19	20	21	9	10	12	12	13	14	20	23	5	4	5	6	32	32	29	30	11	13	15	17
	M.	9	9	7	7	5	6	3	3	1	1	7	6	1	1	4	4	3	4	9	10	0	1	2	2
	M.A.	9	8	11	12	2	1	5	3	5	4	3	3	2	1	1	1	7	6	6	5	1	1	3	3
Mix. A.		0	1	3	3	1	2	2	2	0	2	1	1	0	2	1	1	5	4	2	2	0	0	3	0
Total		73	74	57	60	28	29	40	40	43	44	61	60	19	19	18	18	76	76	78	78	31	32	44	44
Defective Vision too slight to benefit from Spectacles ...		3	2	9	6	10	9	8	8	7	8	10	11	2	2	4	4	8	8	12	12	6	5	8	8
Defective Vision treated otherwise ...		4	4	7	7	1	1	1	1	6	4	7	7	2	2	2	2	8	8	2	2	2	2	7	7
Total Number of Children Examined ...		80		73		39		49		56		78		23		24		92		92		39		59	
Re-examinations ...		88		71		13		12		49		66		9		9		91		99		74		58	

Total Number of Children Examined—684.  
Total Number of Spectacles Supplied—450.

Ophthalmic Treatment of School Children—Continued.

Complications	SCHOOL MANAGEMENT AREA.											
	Dumbarton		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Blepharitis . . . . .	2	4	1	0	3	2	0	1	3	2	0	1
Ptosis . . . . .	0	0	0	0	0	1	0	0	0	0	1	0
Dacryocystitis . . . . .	0	0	0	0	2	0	0	0	0	0	0	0
Strabismus convergens . . . . .	34	21	12	15	18	28	8	6	34	31	18	23
Strabismus divergens . . . . .	1	1	0	0	0	0	0	1	0	1	0	3
Conjunctivitis, Keratitis and Iritis . . . . .	3	1	0	1	2	7	2	0	5	0	0	3
Opacity of Cornea . . . . .	4	4	0	0	3	0	0	1	3	5	2	1
Coloboma Uvae . . . . .	0	0	0	0	0	0	0	0	0	0	0	0
Opacity of Lens . . . . .	0	2	0	0	0	0	0	0	1	0	0	0
Aphakia . . . . .	1	0	0	0	1	0	1	0	1	0	0	0
Choroido-Retinitis . . . . .	0	1	0	0	3	0	0	0	1	0	1	1
Optic Atrophy . . . . .	0	0	0	0	1	0	0	0	1	0	0	0
Nystagmus . . . . .	1	0	0	0	0	0	0	0	0	0	0	0
Albinism . . . . .	1	1	0	0	1	0	0	0	0	0	0	0
Retinitis Pigmentosa . . . . .	0	0	0	0	0	0	0	0	0	0	0	0
Buphthalmos . . . . .	0	0	0	0	0	0	0	0	0	1	0	0
Anophthalmos . . . . .	0	0	0	0	1	0	0	0	0	0	0	0

## ORTHOPTIC TREATMENT.

The present session marks the completion of the third year of activity of the Orthoptic Clinics, which have been established at Clydebank, Dumbarton and Kirkintilloch. In the establishment of these clinics a real advance has been made in the treatment of squint, that rather common disfigurement of child life.

Squint is conveniently classified into three groups. In the first group, a large one, the squint disappears when suitable glasses are worn constantly. In some of these cases, especially those dealt with at an early period, full binocular vision is retained, and no further treatment is required. In others, while the eye appears straight, the sight of one eye has deteriorated, and treatment is necessary to restore the vision.

In the second group glasses are not sufficient to correct the squint, though it may be improved, and steps have to be taken not only to restore vision but also to exercise weak muscles ; in this way a cure is effected.

In the third group all those forms of treatment are insufficient, and, in addition to the use of glasses, occlusion and exercises, recourse to operation is necessary.

During the year children have been taught occlusion with the co-operation of the parents, and have been kept under observation to note progress. Others have been given suitable exercises to re-establish binocular vision and strengthen muscles. An increasing number of operations have also been done at the Ophthalmic Institution. The link which the Orthoptist also has with this Institute has been helpful in enabling treatment to be continued soon after the operation.

The following table shows the number of cases seen by the Orthoptist :—

	Clydebank	Dumbarton	Kirkintilloch	Total
Total number of Children Referred to Orthoptist ... ..	50	59	27	136
<i>Method of Treatment—</i>				
Under Observation ... ..	29	24	9	62
<i>Occlusion—</i>				
Visual Acuity of Amblyopic Eye				
Restored to Normal ... ..	5	15	4	24
Improved but still having some				
Occlusion ... ..	9	5	4	18
No Improvement ... ..	1	1	...	2
<i>Orthoptic Exercises—</i>				
Single Binocular Vision with Operation	...	1	...	1
Single Binocular Vision without				
Operation ... ..	2	2	1	5
Cosmetically straight with Operation	1	1	1	3
Cosmetically straight without				
Operation ... ..	...	...	1	1
Still under Treatment ... ..	3	10	7	20
<i>Operations—</i>				
(a) Already performed ... ..	1	2	1	4
(b) Awaiting Operation ... ..	3	7	3	13
Number of Attendances ...	364	603	401	1368

## REPORT BY SCHOOL NURSES.

District	Nurse	Number of Children Examined	Total Number of Inspections	Number of Visits to Parents or Schools	Vermin or Nits on Head	Vermin or Nits on Body	Vermin Suspected	Unsatisfactory Clothing	Unsatisfactory Footgear	Others
Kirkintilloch, (Cumbernauld, S. Muirhead, Arns, Southern District, Condorrat)	C. Jeffrey	310	843	82	176	2	120	12	...	...
New Kilpatrick, Old Kilpatrick (Landward), Cumbernauld (Drumglass, Croy)	M. M. Macdonald	488	2380	299	444	...	22	84	...	10
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer's)	S. Dougherty	725	2537	141	522	11	47	8	2	119
Old Kilpatrick, (Radnor Park, Boquhanran, Dalmuir, St. Stephen's)	E. S. R. Stevenson	643	1829	162	357	...	96	...	...	245
Dumbarton (Academy, Knoxland, College St., Hartfield, St. Patrick's)	M. Gilmour	207	825	64	192	...	...	...	...	15
Vale of Leven (except Renton)	J. Scott	403	1002	199	334	18	18	41	1	22
Dumbarton (West Bridgend, St. Patrick's High, Clerkhill), Vale of Leven (Renton), Helensburgh	K. Stevenson	713	1669	86	504	2	...	3	2	202
Total		3489	11085	1033	2529	33	303	148	5	613

### SPEECH THERAPY.

A beginning to this most important treatment was made in March, 1941, when Miss Maud Kenny was appointed as Speech Therapist and began treatment in schools in the Burgh of Dumbarton. The treatment is given in schools and the cases are treated individually or in groups according to type and/or severity of defect. It is hoped to extend the work next session to other areas.

The following table gives a summary of the work accomplished since March 10th :—

	Total	Stammer		Stutter	Organic Defects
		Baby Speech	Other Defects		
Number of Cases ...	88	29	35	21	3
(Evacuated or left)	5	2	2	1	0
Discharged as cured	25	6	12	7	0
Retained for Observation ...	9	1	6	2	...
Retained for further Treatment ...	49	20	15	11	3

## SECTION II.

## REVISED FORM OF REPORT FOR YEAR ENDING 31st JULY, 1941.

## (1) LIST OF STAFF.

(See page 5.)

## (2) GENERAL STATISTICS.

(See page 6.)

## (3) SANITARY CONDITION OF SCHOOLS.

(See page 7.)

## (4) ORGANISATION AND ADMINISTRATION.

(See Annual Report for 1938-39, pp. 50-55.)

## (5) FINDINGS OF MEDICAL INSPECTION.

## A.—General Review.

During the session 6531 pupils were examined at routine inspections (boys 3326, girls 3205). This is 691 fewer than in the previous session. The reduction, of course, was due to the air-raids on Clydeside, in which many of the schools were destroyed or rendered unusable. In the reception areas schools were used as rest centres, with consequent serious interruption of the educational and medical work in the schools.

(1) *Condition of Clothing* was fairly satisfactory, there being only 0.2% whose clothing was insufficient, 2.9% whose clothing was in poor repair, and 2.7% whose cleanliness was unsatisfactory.

(2) *Footgear* was bad in 74 cases (1.2%). In the summer months absence of footgear is not recorded.

(3) *Uncleanliness of the head or body*, or both, including such conditions as nits or vermin, was found in 676 cases (10.3%). The great majority were girls with nits in the hair.

(4) *Skin Diseases* were present in 246 cases (3.7%), an increase of almost 1% over last year. The worst feature of the session was the large number of cases of Scabies. There were 76 cases of this disease found in routine inspection (2.1%) and 235 cases found during non-routine inspections.

(5) *Defective Nutrition*.—The total number of routine cases recorded as suffering from defective nutrition was 597 (9.1%) of whom 23 (0.3%) were classed as "very bad." The number below average shows an increase of 2.5% on the figures for 1939-40.

(6) *Mouth and Teeth*.—The number of children found with no teeth decayed was 3316 (50.8%); with less than five teeth decayed, 1824 (28.0%); and with more than five teeth decayed, 1391 (21.2%). The number suffering from oral sepsis was 191 (2.9%).

The position with regard to teeth this session is worse than in the previous session. Part of this apparent deterioration may be due to the fact that there was a smaller number of older children examined than in previous sessions, and it is among the infants that the worst dental conditions are found. This does not account for all the deterioration that has taken place. The war-time restriction on the use of sugar seems to have had no effect in improvement of children's teeth, but perhaps it is too soon to draw such an inference.

(7) *Nose, Throat and Lymphatic Glands.*

(a) *Nose*.—The number of children suffering from defective conditions of the nose was 271 (4.1%). Of these, 78 (1.2%) suffered from nasal catarrh, usually chronic. These were referred to the Throat and Nose Specialist for further examination, and were afterwards put on treatment recommended by him. Some of these cases seem to resist all forms of treatment.

154 pupils (2.3%) were found to have nasal obstruction which, on examination by the Throat and Nose Specialist, was due to adenoids and treated accordingly.

There were 39 other cases (0.6%), some of which were nasal polypi and deflected septum.

(b) 1. *Tonsils*.—Of the 6531 routine cases examined, 505 (7.7%) had tonsils sufficiently enlarged to require further observation, and 295 (4.5%) had tonsils sufficiently enlarged to require removal. 1010 pupils (15.4%) had had their tonsils removed.

Pupils are not recommended for removal of tonsils merely because these are enlarged. There must be some indication that the tonsils are unhealthy—such as involvement of sub-maxillary glands—to justify such a course.

(b) 2. *Adenoids*.—The number of routine cases found to be suffering from adenoids was 42 (0.6%), and the number suspected of having adenoids and referred to the Ear, Throat and Nose Specialist for a decision, was 191 (2.9%). There were 895 routine cases who had had adenoids removed (13.6%). There were also 44 non-routine cases with adenoids, and 48 who were suspected of having adenoids.

As in former years the medical officers called up for review those pupils who had had tonsils, or tonsils and adenoids, removed a year previously, and the results are shown in a special table on p. 38. Then number of such cases that have now been reviewed is 3593. Of these, 77.3% are classified as satisfactory, 16.4% as moderately satisfactory, and 6.3% as unsatisfactory.

The number of cases reviewed who had had adenoids only removed is now 653. Of these, 45.7% were classified as satisfactory, 34.6% as moderately satisfactory, and 19.7% as unsatisfactory.

In addition to this review of cases, the medical officers also noted, in the course of their routine examinations, children who had had tonsils and adenoids, or adenoids alone, removed several years before. The number so noted since this examination was instituted is now 907, and the average period between the time of operation and the time of examination is 7 years, and the number classified as a satisfactory result was 828 (91.3%): the number of unsatisfactory results was 79 (8.7%).

(c) *Lymphatic Glands*.—The submaxillary glands were slightly enlarged in 55 routine cases (0.8%), and markedly enlarged in 180 routine cases (2.7%). The majority of markedly enlarged glands were associated with enlarged tonsils and/or adenoids, and when the throat condition was treated the enlargement of the glands disappeared.

The cervical glands were slightly enlarged in 17 routine cases (0.2%) and markedly enlarged in 3 routine cases (0.1%). The commonest cause of enlarged cervical glands was some scalp infection such as impetigo, or the irritation caused by vermin or nits.

(8) *Eye Conditions*.—Of the 6531 routine cases examined 294 (4.5%) were found to be suffering from some external eye disease. Of these, 195 (3%) had squint; 63 (0.9%) had blepharitis; 7 (0.1%) had conjunctivitis; 7 (0.1%) had corneal opacities; 22 (0.3%) had "other conditions." As mentioned in previous reports the treatment of squint by orthoptic methods appeals more to the parents than did other methods, and it is now easier to get consent for treatment of squint than it was in former years.

There is no routine testing of the vision of pupils under 7 years of age, but any child in this group who was suspected, by either parent or teacher, of having defective vision was referred to Dr. Tennent for further examination.

Of the 4359 routine cases who had their vision tested, 272 (6.2%) were classified as having "Fair Vision," and 148 (3.3%) as having bad vision. In addition 157 (3.6%) were found to have bad vision in one eye only. There were 116 non-routine cases with bad vision, and 2 with bad vision in one eye only. Pupils with bad vision were referred to Dr. Tennent, as were also a number of children whose vision was normal but who suffered from headaches suspected of being of ocular origin.

(9) *Eor Conditions*.—Of the 6531 routine cases examined, 92 (1.4%) had ear conditions needing attention. Otorrhoea was present in 61 cases (0.9%) ; 14 (0.2%) had wax in the ears sufficient to cause some degree of deafness ; other conditions (chiefly furunculosis) were present in 17 cases (0.2%). There were also 82 non-routine cases of otorrhoea. Thirteen non-routine cases of wax, and 37 non-routine cases of "other conditions."

The hearing of pupils in the second, third, and fourth age groups was systematically examined. Of the 4359 cases tested, 60 (1.4%) were classified as slightly deaf (Grade I.), and 12 (0.3%) as very deaf (Grade II.). There were also 5 non-routine cases slightly deaf and 3 non-routine cases were very deaf. These figures do not include pupils in the deaf-mute classes.

(10) *Defective Speech* was present in 30 routine cases examined (0.4%) and in 1 non-routine case. Of this number 16 had defective articulation (0.2%) and 14 were stammerers (0.2%).

During the session the Education Committee seconded Miss Maud T. Kenny, M.A., to treat pupils in the Burgh of Dumbarton who suffered from speech defects. Of the 88 cases dealt with, 29 had "baby speech," 35 had other defects, 21 were stutterers, and 3 had organic defects. Five (5.7%) of the cases left or were evacuated before treatment was completed, 25 (18.5%) were discharged as cured, 9 (10.2%) were retained for observation, and 49 (56.7%) were retained for further treatment.

The details of the procedure, numbers and results are shown on p. 46.

(11) *Mental and Nervous Conditions*.—Of the 6531 routine cases examined, 23 (0.4%) were found to be suffering from diseases of the nervous system. Of these 4 (0.1%) had epilepsy, 5 (0.1%) had chorea, 11 (0.1%) had Infantile Paralysis, and 3 (0.1%) were suffering from other conditions. Among the non-routine cases there were 3 pupils with epilepsy, 14 with chorea, 6 with Infantile Paralysis, and 5 with other conditions.

Table 7—Q, (p. 22) showing number of Backward and Mentally Deficient Children, is of no value whatever as the medical officers have no means of knowing which children are backward until such times as the question of mental deficiency comes up for decision. The number of routine cases returned as backward was 28 (0.4%), and as mentally defective, 9 (0.1%).

There were 7 non-routine cases classified as backward and 2 as mentally defective. These figures take no account of pupils in the special schools.

(12) *Heart Conditions*.—Of the 6531 routine cases examined, 66 (1.0%) were found to have either organic or functional heart disease. Of these, 55 (0.8%) had organic disease (8 congenital and 47 acquired) ; 11 cases (0.1%) had a functional condition. There were also 18 non-routine cases of organic heart disease (4 congenital and 14 acquired cases), and 1 non-routine case with functional defect.

(13) *Lung Conditions*.—There were 202 cases of lung disease (3.1%) among the routine cases examined. Of these, 143 (2.3%) had bronchial catarrh ; 34 (0.5%) had bronchitis ; 2 (0.1%) had tuberculosis ; and 23 (0.3%) had asthma. Among the non-routine cases, 34 had bronchial catarrh, 29 had bronchitis, 1 had tuberculosis, and 8 had asthma.

There is the closest co-operation between the school medical officers and the tuberculosis officers, and all cases where there is the slightest suspicion of tuberculosis are referred to the tuberculosis officers for an opinion.

(14) *Deformities* were present in 196 routine cases (2.9%), of which only 9 (0.1%) were due to rickets. Of the remainder, 21 (0.3%) were congenital conditions, and the remainder, 166 (2.5%) were acquired. There were also 31 non-routine cases, only one of which was congenital. The acquired cases consisted of postural deformities such as Kyphosis, Scoliosis and Flat Foot, and conditions following Infantile Paralysis.

Suitable cases were referred to the Orthopaedic Staff for treatment, and further particulars of this will be found on page 36.

(15) *Infectious Diseases*.—Among the routine cases examined, 26 children (0.4%) were found to be suffering from Infectious Disease (German Measles 1 case, Whooping Cough 15 cases, Chickenpox 10 cases). There were also 90 cases of Infectious Disease among the non-routine cases (Mumps 23, Chicken-Pox 27, Whooping Cough 10, German Measles 8, Diphtheria 2, Scarlet Fever 1).

(16) *Other Diseases and Defects* were present in 230 routine cases (3.5%), of which 11 (0.2%) had hernia, and 4 cases had non-pulmonary tuberculosis. There were 436 non-routine cases with other diseases, of whom 1 had hernia and 3 had non-pulmonary tuberculosis.

## (6) MEDICAL TREATMENT.

The details in connection with the following sub-headings will be found in the body of the Report on the pages indicated against each item. It is quite impossible to ascertain accurately how many children in these groups received treatment privately or through a voluntary hospital under arrangements made by parents.

**A.—Minor Ailments:** (1), (2), (3), and (4). See "Treatment of Minor Ailments" table, on page 39.

**B.—Defective Vision and Squint.** See table, "Ophthalmic Treatment of School Children," pages 42, 43; also, Report on Orthoptic Treatment, page 44.

**C.—Nose and Throat (operative treatment).** See table, "Throat, Nose and Ear Clinics," page 40.

**D.—Orthopaedic and Postural Defects (Specialist Treatment).** See page 36.

## (7) DENTAL INSPECTION AND TREATMENT.

The information required is contained in table "Dental Treatment," p. 41, and also in Table V., Dental Inspection and Treatment.

## (8) SPECIAL SCHOOLS AND CLASSES.

Particulars regarding the facilities in use for exceptional children will be found on page 33 of this Report. Arrangements are also made for the treatment of children in convalescent homes. There were no holiday camps during the present session.

## (9) ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

This subject is referred to on page 34.

# (10) OTHER ACTIVITIES IN RELATION TO THE HEALTH OF SCHOOL CHILDREN.

On page 34 will be found a note on cases kept under special observation by the School Medical Officers for heart weakness and other causes. On the succeeding pages are recorded particulars regarding the Feeding of School Children under Local Authority schemes, Employment of School Children, and the Admission of Children to Approved Schools in so far as these affect the work of the School Medical Officers.

For some years the School Medical Officers have been investigating the results of the removal of tonsils and/or adenoids, as shown at about a year after the operation, and the cumulative findings of these enquiries are embodied in the table printed on page 38. For the third session in succession this enquiry has been extended to patients who had been operated on at varying periods up to ten years previously, and the data will be found on page 37.

## (5) FINDINGS OF MEDICAL INSPECTION.

### B.—Statistical Tables.

TABLE I.

Total number of children examined at :—

Total number of children examined at :—					(a) Systematic Examinations.	Other Systematic Examinations.	
Ordinary Schools	{	Entrants	...	...	...	2172	—
		Second Age Group	...	...	...	2193	—
		Third Age Group	...	...	...	2017	—
		Fourth Age Group	...	...	...	—	—
Secondary Schools Age Group		...	...	...	149	—	
Total		...	...	...	<u>6531</u>	<u>Nil</u>	

					(b) Other Examinations.
Special cases					2384
Re-Inspections by Medical Officers					8210
Total					<u>10,594</u>

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanness and dental caries) :—

Entrants	...	...	...	604
Second Age Group	...	...	...	693
Third Age Group	...	...	...	482
Fourth Age Group	...	...	...	—
Secondary Age Group	...	...	...	50
Other Systematic Examinations	...	...	...	—
Total	...	...	...	<u>1829</u>

Table II.—See page 53.

Table III.—See page 54.

**Table IV.—Return of All Exceptional Children of School Age in the Area.**

It has not been found possible to give the details required by this table with sufficient accuracy, and the table is therefore omitted.

**Table V.—Dental Inspection and Treatment.**

Number of children who were:—

(1) Inspected by the Dental Officers.

Age	(a) Systematic Examinations	(b) Special and Emergency Cases	Total
5	1327	120	1447
6	1467	129	1596
7	1405	124	1529
8	1121	134	1255
9	1254	174	1428
10	994	165	1159
11	1178	171	1349
12	416	180	596
13	958	181	1139
14	106	84	190
15	52	42	94
16	9	1	10
17	2	5	7
Totals ...	10,289	1510	11,799

		Systematic Examinations	Special and Emergency Cases	Total
(2) Found to require treatment ...	...	8021	1510	9531
(3) Actually treated by School Dental Officers	...	4462	1510	5972
(4) Number of attendances made by children for treatment	...	8716	2906	11,622
(5) Fillings* (a) Permanent Teeth	...	2904	716	3620
(b) Temporary teeth	...	89	17	106
(6) Extractions (a) Permanent teeth	...	2130	269	2399
(b) Temporary teeth	...	7081	2360	9441
(7) Number of administrations of a general anaesthetic for extractions	...	1062	56	1118
(8) Other operations* (a) Permanent teeth	...	2408	816	3224
(b) Temporary teeth	...	270	41	311
(9) Half-days devoted to (a) Inspection	...	105	—	105
(b) Treatment	...	1239	248	1487
(10) Number of children treated under private arrangements	...	(No accurate information available).		

\* Temporary fillings whether in permanent or temporary teeth should be recorded as "other operations."

TABLE III.—SYSTEMATIC MEDICAL EXAMINATIONS.

Classification.	Entrants.		Second Age-Group.		Third Age-Group.		Fourth Age-Group.		Total	
	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined at Systematic Medical Examinations.
I.—Children free from Defects	1238	57.1	1188	54.1	1179	58.5	69	46.3	3674	56.2
II.—Children (other wise free from defects) who suffer from :—										
(a) Defective Vision not worse than 6/12 in the better eye with or without glasses; or	26	1.2	85	3.9	84	4.2	9	5.3	203	3.1
(b) Conditions of the Mouth and Teeth requiring treatment	330	15.2	310	14.2	338	16.9	30	20.2	1008	15.4
(c) Both (a) and (b) ...	4	0.2	34	1.5	26	1.3	1	0.7	65	1.0
Total ...	360	16.6	429	19.6	448	22.3	39	26.2	1276	19.5
III.—Children suffering from Ailments (other than those mentioned in I.) from which complete recovery is anticipated within a few weeks ...	514	23.6	429	19.6	221	10.9	24	16.1	1188	18.2
IV.—Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II. or III., distinguishing cases :—										
(a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible ...	55	2.5	94	4.3	121	6.0	14	9.4	284	4.4
(b) Where improvement only is considered possible, e.g., without complete restoration of function ...	5	0.2	53	2.4	48	2.3	3	2.0	109	1.7
Total ...	60	2.7	147	6.7	169	8.3	17	11.4	393	6.1
Total Number of Children Examined ...	2172	100.0	2193	100.0	2017	100.0	149	100.0	6531	100.0



Return of Number and Percentage of Individual Children in each Age-Group suffering from Particular Defects.

Total Examined at all Ages—6531.																					
Entrants.				Second Age-Group.				Third Age-Group.				Fourth Age-Group.				All Ages.					
Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.			
1106		1066		1193		1000		949		1068		78		71		3326		3205			
No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
Number showing defects.																					
Nature of Defect.																					
1. Clothing Unsatisfactory		27	2.4	24	2.2	49	4.1	28	2.8	32	3.3	33	3.0	1	1.3	...	109	3.2	85	2.6	
2. Footgear Unsatisfactory		16	1.4	9	0.8	20	1.6	5	0.5	15	1.6	10	0.9	1	1.3	...	52	1.6	24	0.7	
3. Uncleanliness (Head, Body, or both)		18	1.6	208	19.5	13	1.1	236	23.6	23	2.4	196	18.3	...	...	...	54	1.7	644	20.1	
4. Skin (Head and/or Body)		47	4.2	48	4.5	57	4.7	42	4.2	40	4.2	43	4.0	6	7.7	7	150	4.5	140	4.3	
5. Defective Nutrition		124	11.2	129	12.1	109	9.1	116	11.6	51	5.3	61	5.7	5	6.4	1	289	8.7	307	9.6	
6. Mouth and Teeth Unhealthy...		228	20.6	242	22.7	280	23.4	161	16.1	223	23.5	266	24.9	25	32.0	22	756	22.9	691	21.5	
7. Nose, Throat and/or Glands		77	6.9	73	6.8	40	3.2	46	4.6	16	1.7	34	3.1	2	2.5	...	135	4.0	153	4.7	
8. Eye Conditions		70	6.3	51	4.8	116	9.7	93	9.3	116	12.2	136	12.7	6	7.7	9	308	9.2	289	9.0	
9. Ear Conditions		14	1.2	22	2.0	16	1.3	7	0.7	17	1.8	11	1.0	2	2.5	...	49	1.4	40	1.2	
10. Defective Speech		9	0.8	4	0.3	5	0.4	1	0.1	10	1.0	1	0.1	2	2.5	...	26	0.7	6	0.2	
11. Mental and Nervous Conditions		13	1.1	4	0.3	22	1.8	11	1.1	4	0.4	5	0.5	...	...	...	39	1.1	20	0.6	
12. Heart Conditions		4	0.3	4	0.3	6	0.4	21	2.1	12	1.2	19	1.7	1	1.3	1	23	0.6	45	1.4	
13. Lung Conditions		51	4.6	54	5.0	42	3.5	26	2.6	10	1.0	8	0.7	...	...	1	103	3.0	89	2.7	
14. Deformities		15	1.3	14	1.3	46	3.9	53	5.3	38	4.0	29	2.7	5	6.4	...	104	3.1	96	2.9	
15. Infectious Diseases		8	0.7	13	1.2	4	0.3	...	...	1	0.1	...	...	...	...	...	13	0.3	13	0.4	
16. Other Diseases or Defects		44	3.9	37	3.4	54	4.5	39	3.9	22	2.3	30	2.7	3	3.8	3	123	3.7	109	3.4	

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COUNTY COUNCIL OF DUNBARTON.

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# Thirty-first Annual Report

on the

MEDICAL INSPECTION OF  
SCHOOL CHILDREN.

---

1941-1942.

(Year ending 31st July, 1942).

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KIRKINTILLOCH

PRINTED BY D. MACLEOD, LTD.



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## County Council of Dunbarton.

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# SCHOOL MEDICAL STAFF.

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**Supervising School Medical Officer.**

T. LAUDER THOMSON, M.D., D.P.H.

**School Medical Officers.**

MILDRED M. L. CATHELS, M.B., D.P.H.

ANDREW D. COWAN, M.B., D.P.H.

CHARLES C. SLORACH, M.B., D.P.H. (part-time)

**Dental Surgeons.**

ELIZABETH McKENDRICK, L.D.S.

VERA PUGH, L.D.S.

JOHN H. N. MACDONALD, L.D.S.

FELIX A. CASSIDY, L.D.S.

**Ophthalmic Surgeon.**

JAMES N. TENNENT, M.B., D.O.M.S., B.Sc. (part-time).

**Ear, Nose and Throat Specialist.**

J. FULTON CHRISTIE, M.B., Ch.B., F.R.F.P.S. (part-time).

**Nurse in Charge, Orthopaedic Clinics.**

MORAG GALLOWAY.

**Instructresses at Orthopaedic Clinics (part-time).**

M. JOCKEL.	J. S. HOWATT.	E. MILLER (Mrs. CURRIE).
		<i>(Resigned April, 1942).</i>

Mrs. SMITH *(Commenced April, 1942).***Orthoptist (part-time).**

M. W. MARSH.

**Inspection and Clinic Nurses.**

C. M. JEFFREY.

S. DOUGHERTY.

J. SCOTT.

*(Retired 20th October, 1941).*

M. GILMOUR.

E. STEVENSON.

K. STEVENSON.

M. MacDONALD.

C. MACNAIR.

M. C. COUPER.

*(Commenced duty 7th Nov., 1941).**(Commenced 16th May, 1942)***Nurses for Special Schools.**

J. MacDONALD.

C. ROGERS.

**Dental Attendants.**

ANNIE J. RAE.

WILLIAM BENNIE.

JAMES GALLACHER.

*(On Active Service).*

ANNIE BLACK

ELIZABETH MARTIN *(Mrs. Sneddon).***Attendant at Orthopaedic Clinics.**

ELIZABETH ROLLO.

**Clerks.**

GEORGE S. BROWNE.

BELLA J. N. AIRTH.

# REPORT

on the

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN  
THE COUNTY OF DUNBARTON.

## 1.—List of Staff.

See Page 5.

## 2.—(a) Number of Schools.

### School Management Area.

Cumbarnauld	...	...	...	...	...	...	...	...	4
Kirkintilloch	...	...	...	...	...	...	...	...	6
New Kilpatrick	...	...	...	...	...	...	...	...	4
Old Kilpatrick	...	...	...	...	...	...	...	...	10
Dumbarton	...	...	...	...	...	...	...	...	9
Vale of Leven	...	...	...	...	...	...	...	...	12
Helensburgh ...	...	...	...	...	...	...	...	...	13
Total	...	...	...	...	...	...	...	...	58

### (b) Number of Children on Register and in Average Attendance during Session 1941-42.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbarnauld ... ..	957.0	No accurate figures available.	...
Kirkintilloch .. ..	3,534.0		...
New Kilpatrick ... ..	1,921.2		...
Old Kilpatrick ... ..	3,837.0		...
Dumbarton ... ..	4,402.1		...
Vale of Leven ... ..	3,548.9		...
Helensburgh ... ..	2,124.2		...
Total ... ..	20,324.4	...	...

### 3.—Number of Visits for Systematic Examinations.

**Note.**—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above ... .. 479

### 4.—Number of Special Visits by Medical Officers.

For re-examination of defective children	...	...	...	44
For examination of backward, or mentally, or physically defective children	...	...	...	59
Attendances at Clinics	...	...	...	335
Attendance for Office Work, etc.	...	...	...	91
For inquiry regarding infectious disease	...	...	...	2
Others	...	...	...	22

### 5.—Sanitary Condition of Schools.

It will be readily understood that no major improvements were carried out during these years. School lavatories have been maintained in a good state of repair and cleanliness, and broken fittings have been replaced.

### 6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-operation with Public Health Departments.

Full particulars regarding these matters are included in Section 4 of the revised report, page 50 of the Annual Report 1938-39.

### 6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No of Parents Present at Non-Routine Examinations.
Cumbernauld ...	449	145	32.3	10
Kirkintilloch ...	1571	540	34.3	154
New Kilpatrick	739	312	42.2	1
Old Kilpatrick.	1298	707	54.4	171
Dumbarton ...	1233	430	34.9	337
Vale of Leven	1103	673	61.0	367
Helensburgh ...	711	348	48.9	231
Total ...	7104	3155	44.4	1271

# 7.—THE PHYSICAL CONDITION OF THE SCHOOL CHILDREN.

A.—Total Number of Children Examined.

SCHOOL MANAGEMENT AREA	ROUTINE CASES.													
	Entrants			Age 8			Age 14			Age 16			Total	
	Aver. age	Boys	Girls	Aver. age	Boys	Girls	Aver. age	Boys	Girls	Aver. age	Boys	Girls	Boys	Girls
			Total			Total			Total			Total		Total
Cumbernauld	5 <sup>1</sup> / <sub>2</sub>	58	67	125	78	106	12 <sup>1</sup> / <sub>2</sub>	73	66	13	15	...	210	239
Kirkintilloch	5 <sup>1</sup> / <sub>2</sub>	206	194	400	211	206	13 <sup>1</sup> / <sub>2</sub>	313	328	64	15 <sup>1</sup> / <sub>2</sub>	50	793	778
New Kilpatrick	5 <sup>1</sup> / <sub>2</sub>	111	105	216	113	127	13 <sup>1</sup> / <sub>2</sub>	133	136	269	16 <sup>1</sup> / <sub>2</sub>	4	361	378
Old Kilpatrick	5 <sup>1</sup> / <sub>2</sub>	253	284	537	270	269	13 <sup>1</sup> / <sub>2</sub>	114	108	222	...	...	637	661
Dumbarton ...	5 <sup>1</sup> / <sub>2</sub>	180	185	365	156	182	13 <sup>1</sup> / <sub>2</sub>	234	248	482	16 <sup>1</sup> / <sub>2</sub>	19	589	644
Vale of Leven	5 <sup>1</sup> / <sub>2</sub>	235	257	492	162	153	13 <sup>1</sup> / <sub>2</sub>	146	140	286	16 <sup>1</sup> / <sub>2</sub>	7	550	553
Helensburgh ...	5 <sup>1</sup> / <sub>2</sub>	127	121	248	133	131	13 <sup>1</sup> / <sub>2</sub>	91	98	189	16 <sup>1</sup> / <sub>2</sub>	8	359	352
Total ...	5 <sup>1</sup> / <sub>2</sub>	1170	1213	2383	1123	1174	13 <sup>1</sup> / <sub>2</sub>	1104	1124	2228	15 <sup>1</sup> / <sub>2</sub>	94	3499	3605
														7104
														2266

7.—B. Number of Children notified to Parents as suffering from Defects.

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School Management Area		Cumbernauld			Kirkintilloch			New Kilpatrick			Old Kilpatrick			Dumbarton			Vale of Leven			Helensburgh			Total		
Number of Routine Cases Examined		449			1571			739			1298			1233			1103			711			7104		
Card	Defect	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
A.	Vermis or Nits on Head ...	27	6.0	...	44	2.8	...	3	0.4	...	39	3.0	2	131	10.6	...	134	12.1	...	68	9.5	...	446	6.3	2
G.	Vermis on Clothing ...	...	...	...	...	...	...	...	...	...	...	...	...	2	0.1	...	...	...	...	...	...	...	2	0.1	...
J.	Unsatisfactory Footgear ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
K.	Unsatisfactory Clothing ...	...	...	...	...	...	...	...	...	...	...	...	...	2	0.1	...	...	...	...	...	...	...	2	0.1	...
D.	Tonsils and Adenoids ...	3	0.6	4	4	0.2	26	2	0.2	...	3	0.2	29	90	7.3	62	102	9.2	59	49	6.9	34	253	3.5	214
E.	Ear Disease ...	...	...	...	...	...	...	...	...	...	1	0.1	1	...	...	7	5	0.4	3	3	0.4	3	9	0.1	14
H.	Defective Vision and Eye Disease	3	0.6	7	27	1.7	29	6	0.8	1	17	1.3	29	65	5.3	60	22	2.0	52	16	2.2	39	156	2.2	225
U.M.T.	Already under Treatment ...	2	0.4	5	42	2.7	1	26	3.5	2	12	0.9	...	...	...	...	2	0.2	...	7	1.0	...	91	1.3	8
	For Orthopaedic or Ultra-Violet Light Treatment ...	...	...	...	5	0.3	12	...	...	...	6	0.4	8	15	1.2	10	...	...	9	1	0.1	5	27	0.4	44
P.A.	Parents Advised ...	43	9.5	10	138	8.7	154	68	9.2	1	551	42.4	71	67	5.4	337	659	59.7	367	344	48.3	231	1870	26.3	1171



School Management Area	No. of Routine cases examined	SUFFICIENCY						REPAIR						CLEANLINESS					
		Good		Medium		Bad		Good		Medium		Bad		Good		Medium		Bad	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld	Boys	210	100.0	...	...	...	...	208	99.1	...	...	2	0.9	205	97.8	1	0.5	4	1.9
	Girls	239	100.0	...	...	...	...	238	99.6	...	...	1	0.4	237	99.2	...	...	2	0.8
	Total	449	100.0	...	...	...	...	446	99.3	...	...	3	0.7	442	98.5	1	0.2	6	1.3
Kirkintilloch	Boys	793	100.0	...	...	...	...	789	99.5	...	...	4	0.5	786	99.2	1	0.1	6	0.7
	Girls	778	100.0	...	...	...	...	778	100.0	...	...	...	...	778	100.0	...	...	...	...
	Total	1571	100.0	...	...	...	...	1567	99.8	...	...	4	0.2	1564	99.5	1	0.1	6	0.4
New Kilpatrick	Boys	361	100.0	...	...	...	...	361	100.0	...	...	...	...	361	100.0	...	...	...	...
	Girls	378	100.0	...	...	...	...	378	100.0	...	...	...	...	378	100.0	...	...	...	...
	Total	739	100.0	...	...	...	...	739	100.0	...	...	...	...	739	100.0	...	...	...	...
Old Kilpatrick	Boys	637	100.0	...	...	...	...	611	96.0	...	...	26	4.0	608	95.5	...	...	29	4.5
	Girls	661	100.0	...	...	...	...	630	95.4	...	...	31	4.6	630	95.4	1	0.1	30	4.5
	Total	1298	100.0	...	...	...	...	1241	95.6	...	...	57	4.4	1238	95.4	1	0.1	59	4.5
Dumbarton	Boys	589	95.5	...	...	3	0.5	582	98.8	6	1.0	1	0.2	580	98.5	4	0.7	5	0.8
	Girls	644	100.0	...	...	...	...	644	100.0	...	...	...	...	632	98.1	5	0.8	7	1.1
	Total	1233	98.8	...	...	3	0.2	1226	99.0	6	0.9	1	0.1	1212	98.4	9	0.7	12	0.9
Vale of Leven	Boys	550	100.0	...	...	...	...	507	92.3	10	1.8	33	5.9	507	92.3	9	1.6	34	6.1
	Girls	553	98.8	...	...	1	0.2	510	92.4	11	1.9	32	5.7	511	92.5	10	1.8	32	5.7
	Total	1103	99.9	...	...	1	0.1	1017	92.4	21	1.8	65	5.8	1018	92.4	19	1.7	66	5.9
Helensburgh	Boys	359	100.0	...	...	...	...	342	95.3	17	4.7	...	...	341	95.1	2	0.5	16	4.4
	Girls	352	100.0	...	...	...	...	339	96.3	1	0.3	12	3.4	334	94.9	10	2.8	8	2.3
	Total	711	100.0	...	...	...	...	681	95.8	18	2.5	12	1.7	675	94.9	12	1.7	24	3.4
Total	Boys	3499	99.9	...	...	3	0.1	3400	97.3	33	0.9	66	1.8	3388	97.1	17	0.5	84	2.4
	Girls	3605	99.9	...	...	1	0.1	3517	97.7	12	0.3	76	2.0	3500	98.1	26	0.7	89	1.2
	Total	7104	99.1	...	...	4	0.1	6917	97.5	45	0.6	142	1.9	6888	97.6	43	0.6	173	1.8

## 7.—E. FOOTGEAR.

School Management Area	Number Examined.	ROUTINE CASES						NON-ROUTINE	
		Good		Medium		Bad		None	
		No.	%	No.	%	No.	%	No.	%
Cumbernauld	Boys	210	99.1	...	...	2	0.9	...	...
	Girls	239	100.0	...	...	...	...	...	...
	Total	449	99.5	...	...	2	0.5	...	...
Kirkintilloch	Boys	791	99.8	1	...	1	0.1	...	...
	Girls	778	100.0	...	...	...	...	...	...
	Total	1571	99.8	1	...	1	0.1	...	...
New Kilpatrick	Boys	361	100.0	...	...	...	...	...	...
	Girls	378	100.0	...	...	...	...	...	...
	Total	739	100.0	...	...	...	...	...	...
Old Kilpatrick	Boys	613	96.2	1	0.2	23	3.6	...	...
	Girls	661	96.8	...	...	21	3.2	...	...
	Total	1274	96.5	1	0.1	44	3.4	...	...
Dumbarton	Boys	589	96.2	1	0.2	22	3.6	...	...
	Girls	644	99.4	1	0.2	3	0.4	...	...
	Total	1233	97.8	2	0.2	25	2.0	...	...
Vale of Leven	Boys	550	95.8	4	0.7	19	3.5	...	...
	Girls	553	95.1	2	0.4	25	4.5	...	...
	Total	1103	95.4	6	0.6	44	4.0	...	...
Helensburgh	Boys	359	95.5	1	0.3	15	4.2	...	...
	Girls	352	96.0	2	0.6	12	3.4	...	...
	Total	711	95.8	3	0.4	27	3.8	...	...
Total ...	Boys	3499	97.5	8	0.2	82	2.3	...	...
	Girls	3605	98.1	5	0.1	61	1.8	...	...
	Total	7104	97.8	13	0.2	143	2.0	...	...

# 7.—F. Average Heights and Weights in Inches and Pounds.

11A

School Management Area	BOYS												GIRLS																			
	Entrants				Age 8				Age 14				Age 16				Entrants				Age 8				Age 14				Age 16			
	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight
Cumbernauld...	58	5 $\frac{1}{2}$	42-0	41-4	78	8 $\frac{1}{2}$	48-5	56-0	73	13	57-8	84-6	1	15	67-0	120-5	67	5 $\frac{1}{2}$	41-2	38-1	106	8 $\frac{1}{2}$	48-5	55-5	66	12 $\frac{1}{2}$	55-4	78-0	...	...	...	...
Kirkintilloch ...	206	5 $\frac{1}{2}$	41-4	41-8	211	8 $\frac{1}{2}$	49-5	57-3	313	13 $\frac{1}{2}$	58-5	87-5	63	16	65-5	119-1	194	5 $\frac{1}{2}$	41-9	40-3	206	8 $\frac{1}{2}$	48-9	55-5	328	13 $\frac{1}{2}$	59-3	94-2	50	15 $\frac{1}{2}$	62-8	111-5
New Kilpatrick	111	5 $\frac{1}{2}$	43-5	43-5	113	8 $\frac{1}{2}$	50-1	58-7	133	13 $\frac{1}{2}$	60-0	90-0	4	16	67-6	116-5	105	5 $\frac{1}{2}$	43-5	43-1	127	8 $\frac{1}{2}$	49-5	55-3	136	13 $\frac{1}{2}$	59-6	91-5	10	16 $\frac{1}{2}$	62-6	116-9
Old Kilpatrick	253	5 $\frac{1}{2}$	43-9	42-5	270	8 $\frac{1}{2}$	45-4	55-7	114	13	57-9	83-2	...	...	...	...	284	5 $\frac{1}{2}$	42-2	40-8	269	8 $\frac{1}{2}$	45-4	53-5	108	13 $\frac{1}{2}$	57-1	83-7	...	...	...	...
Dumbarton ...	180	5 $\frac{1}{2}$	42-7	40-9	156	9 $\frac{1}{2}$	51-4	55-4	234	13 $\frac{1}{2}$	59-0	88-0	19	16 $\frac{1}{2}$	65-7	120-3	185	5 $\frac{1}{2}$	42-7	40-7	182	9 $\frac{1}{2}$	50-8	58-8	248	13 $\frac{1}{2}$	60-0	94-2	29	16 $\frac{1}{2}$	63-0	115-3
Vale of Leven	235	5 $\frac{1}{2}$	42-2	41-3	162	8 $\frac{1}{2}$	48-3	55-4	146	13 $\frac{1}{2}$	59-2	87-8	7	16 $\frac{1}{2}$	66-6	126-3	257	5 $\frac{1}{2}$	42-2	40-1	153	8 $\frac{1}{2}$	48-3	54-1	140	13 $\frac{1}{2}$	60-4	90-2	3	16	63-6	126-5
Helensburgh ...	127	5 $\frac{1}{2}$	43-1	41-8	133	9	49-8	57-5	91	13 $\frac{1}{2}$	59-7	91-6	8	16 $\frac{1}{2}$	64-7	129-0	121	5 $\frac{1}{2}$	42-5	41-1	131	8 $\frac{1}{2}$	48-8	55-2	98	13 $\frac{1}{2}$	60-0	93-0	2	15 $\frac{1}{2}$	65-2	115-0
Total ...	1170	5 $\frac{1}{2}$	42-7	41-9	1123	8 $\frac{1}{2}$	49-0	56-6	1104	13 $\frac{1}{2}$	56-6	87-5	102	16	66-3	121-8	1213	5 $\frac{1}{2}$	42-3	40-6	1174	8 $\frac{1}{2}$	48-6	55-4	1124	13 $\frac{1}{2}$	58-8	89-2	94	16	63-4	117-2
*County Average Years 1919-20 to 1939-40	25,523	5 $\frac{1}{2}$	42-4	41-4	23,630	8 $\frac{1}{2}$	48-9	55-5	...	...	...	...	1932	16 $\frac{1}{2}$	65-1	122-2	25,140	5 $\frac{1}{2}$	42-0	40-1	23,227	8 $\frac{1}{2}$	48-6	53-6	...	...	...	...	1661	16 $\frac{1}{2}$	62-6	113-5
County Average Years 1935-36 to 1939-40	5,582	5 $\frac{1}{2}$	42-6	42-0	5,616	8 $\frac{1}{2}$	49-5	56-8	...	...	...	...	548	16 $\frac{1}{2}$	65-7	125-4	5616	5 $\frac{1}{2}$	42-4	40-7	5,472	8 $\frac{1}{2}$	49-1	55-1	...	...	...	...	429	16 $\frac{1}{2}$	62-9	115-2
Anthropometric Standard ...	...	...	41-0	39-9	...	...	47-0	54-9	...	...	...	...	...	...	64-3	119-0	...	...	40-8	38-6	...	...	46-6	52-1	...	...	...	...	...	...	61-7	113-1

\*It was felt that the Anthropometric Standard was not satisfactory, as it was based on an insufficient number of observations.

A County of Dumbarton Standard has therefore been arrived at by combining and averaging the figures in previous Annual Reports for a number of years back.



SCHOOL MANAGEMENT AREA	No. of Routine Cases exam- ined	ROUTINE CASES								NON-ROUTINE CASES			
		Head				Body				Head		Body	
		Nits		Vermin		Nits		Vermin		Nits	Vermin	Nits	Vermin
		No.	%	No.	%	No.	%	No.	%				
Cumbernault	Boys	210	...	...	...	...	...	...	...	...	...	...	...
	Girls	239	13.4	...	...	...	...	...	...	...	...	...	...
	Total	449	7.1	...	...	...	...	...	...	3	...	...	...
Kirkintilloch	Boys	793	2	0.3	...	...	...	...	...	...	...	...	...
	Girls	778	9.6	...	...	...	...	...	...	...	...	...	...
	Total	1571	75	4.7	...	...	...	...	...	...	1	...	...
New Kilpatrick	Boys	361	...	...	...	...	...	...	...	...	...	...	...
	Girls	378	11	2.9	...	...	...	...	...	...	...	...	...
	Total	739	11	1.5	...	...	...	...	...	...	...	...	...
Old Kilpatrick	Boys	637	7	1.1	...	...	...	...	...	...	...	...	...
	Girls	661	182	27.5	2	0.3	...	...	...	...	...	...	...
	Total	1298	189	14.6	2	0.2	...	...	...	5	1	...	...
Dumbarton	Boys	589	17	2.9	...	...	...	...	...	...	...	...	...
	Girls	644	199	29.9	1	0.2	...	...	...	...	...	...	...
	Total	1233	216	17.5	1	0.1	...	...	...	5	...	...	...
Vale of Leven	Boys	550	1	0.2	...	...	...	...	...	...	...	...	...
	Girls	553	137	24.8	1	0.2	...	...	...	...	...	...	...
	Total	1103	138	12.5	1	0.1	...	...	...	7	1	...	...
Helensburgh	Boys	359	1	0.3	...	...	...	...	...	...	...	...	...
	Girls	352	67	19.0	...	...	...	...	...	...	...	...	...
	Total	711	68	9.5	...	...	...	...	...	1	...	...	...
Total	Boys	3499	28	0.8	...	...	...	...	...	...	...	...	...
	Girls	3605	701	19.4	4	0.1	...	...	...	...	...	...	...
	Total	7104	729	10.3	4	0.1	...	...	...	21	3	...	...

7.—G. CLEANLINESS OF HEAD AND BODY.  
(b) Cleanliness.

5 SCHOOL MANAGEMENT AREA	No. of Rou- tine Cases exam- ined	ROUTINE CASES.												NON- ROUTINE			
		Head				Body				Head				Body			
		Good		Medium		Bad		Good		Medium		Bad		Head		Body	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	8ad	%	8ad	%
Cumbernauld	Boys	210	98.8	2	0.9	1	0.5	200	95.3	8	3.8	2	0.9	...	...	...	...
	Girls	239	99.2	2	0.8	...	...	234	97.9	5	2.1	...	...	...	...	...	...
	Total	449	99.0	4	0.8	1	0.2	434	97.2	13	2.4	2	0.4	...	...	...	...
Kirkintilloch	Boys	793	98.7	9	1.1	2	0.2	765	96.5	21	2.6	7	0.9	...	...	...	...
	Girls	778	98.0	15	1.9	1	0.1	762	98.0	15	1.9	1	0.1	...	...	...	...
	Total	1571	98.3	24	1.5	3	0.2	1527	97.3	36	2.2	8	0.5	...	...	1	...
New Kilpatrick	Boys	361	100.0	...	...	...	...	361	100.0	...	...	...	...	...	...	...	...
	Girls	378	99.2	3	0.8	...	...	377	99.7	1	0.3	...	...	...	...	...	...
	Total	739	99.6	3	0.4	...	...	738	99.9	1	0.1	...	...	...	...	...	...
Old Kilpatrick	Boys	637	97.2	10	1.0	8	1.2	603	94.7	14	2.2	20	3.1	...	...	...	...
	Girls	661	98.0	13	1.9	1	0.1	644	97.5	11	1.6	6	0.9	...	...	...	...
	Total	1298	97.6	23	1.8	9	0.6	1247	96.1	25	1.9	26	2.0	...	...	...	...
Dumbarton	Boys	589	99.2	...	...	5	0.8	577	97.9	1	0.2	11	1.9	...	...	...	...
	Girls	644	99.9	1	0.1	...	...	625	97.0	3	0.5	16	2.5	...	...	...	...
	Total	1233	99.5	1	0.1	5	0.4	1202	97.5	4	0.3	27	2.2	...	...	...	...
Vale of Leven	Boys	550	98.2	6	1.1	4	0.7	535	97.3	6	1.1	9	1.6	...	...	...	...
	Girls	553	98.4	6	1.1	3	0.5	538	97.3	5	0.9	10	1.8	...	...	...	...
	Total	1103	98.3	12	1.1	7	0.6	1073	97.3	11	1.0	19	1.7	...	...	...	...
Helensburgh	Boys	359	98.9	1	0.3	3	0.8	352	98.1	2	0.5	5	1.4	...	...	...	...
	Girls	352	99.4	...	...	2	0.6	346	98.3	1	0.3	5	1.4	...	...	...	...
	Total	711	99.2	1	0.1	5	0.7	698	98.2	3	0.4	10	1.4	...	...	...	...
Total	Boys	3499	98.6	28	0.8	23	0.6	3393	97.1	52	1.4	54	1.5	...	...	...	...
	Girls	3605	98.7	40	1.1	7	0.2	3526	97.9	41	1.1	38	1.0	...	...	...	...

7.—H. Condition of Skin.

13A

School Management Area	Number of Routine Cases Examined	ECZEMA						RINGWORM						IMPETIGO						SORES						SCABIES			ALOPECIA			PSORIASIS			OTHERS						TOTAL										
		Routine				Non-Routine		Routine				Non-Routine		Routine				Non-Routine		Routine				Non-Routine		Routine		Non-Routine	Routine			Non-Routine			Routine		Non-Routine														
		Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Head	Body		Body	Head		Body		Head	Body	Head		Body		Head	Body								
		No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%		No.	%		No.	%	No.	%			No.	%	No.	%			No.	%	No.	%	No.	%	No.	%
		No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%		No.	%		No.	%	No.	%			No.	%	No.	%			No.	%	No.	%	No.	%	No.	%
Cumbernauld	449	...	...	...	...	...	...	...	...	...	...	...	...	6	1.3	...	...	3	...	...	...	3	0.6	...	1	1	0.2	1	3	0.7	...	...	...	...	1	0.2	...	1	7	1.6	8	1.8	4	3							
Kirkintilloch	1571	...	...	2	0.1	...	1	...	...	1	0.1	3	...	9	0.6	...	...	70	...	...	...	9	0.6	...	68	10	0.6	81	1	0.1	1	3	0.2	...	...	...	4	0.2	...	15	10	0.6	29	1.8	74	165					
New Kilpatrick	739	...	...	1	0.1	...	...	...	...	...	...	...	...	2	0.3	...	...	1	...	...	...	5	0.7	...	...	1	0.1	...	...	...	...	...	...	...	...	4	0.5	...	...	2	0.3	11	1.4	1	...						
Old Kilpatrick	1298	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	25	...	...	...	13	1.0	...	10	62	4.8	94	...	...	...	2	0.1	...	...	...	...	14	1.1	...	5	7	0.5	91	6.9	26	109				
Dumbarton	1233	...	...	6	0.5	...	5	...	...	...	...	...	...	1	...	...	...	19	...	...	...	5	0.4	...	32	31	2.5	184	...	...	...	2	0.2	...	...	...	57	4.6	...	111	1	0.1	101	8.2	20	332					
Vale of Leven	1103	...	...	1	0.1	...	...	...	...	...	...	...	...	4	0.4	...	...	18	...	...	...	10	0.9	...	12	41	3.7	127	3	0.3	2	1	0.1	...	...	...	15	1.3	...	14	7	0.6	68	6.1	20	153					
Helensburgh	711	...	...	1	0.1	...	...	...	...	...	...	...	...	1	...	...	...	4	...	...	...	1	0.1	...	14	22	2.9	82	1	0.1	...	...	...	1	...	...	3	0.4	...	16	5	0.7	27	3.7	5	113					
Total	7104	...	...	11	0.1	...	6	...	...	1	0.1	6	...	33	0.5	...	...	140	...	...	...	46	0.6	...	137	168	2.3	569	6	0.1	4	11	0.1	1	...	...	98	1.3	...	162	39	0.6	335	4.7	150	875					



The following table shows at a glance a summary of the previous table [7.—G (a)], i.e., children in each area showing evidence of verminous condition of the head or body or both.

School Management Area	Number of Routine Cases Examined	Number showing evidence of Vermin	Percentage
Cumbernauld ... ..	449	32	7.1
Kirkintilloch ... ..	1571	75	4.7
New Kilpatrick ... ..	739	11	1.5
Old Kilpatrick ... ..	1298	189	14.6
Dumbarton ... ..	1233	217	17.6
Vale of Leven ... ..	1103	138	12.5
Helensburgh ... ..	711	68	9.5
Total ... ..	7104	730	10.4

## 7.—I. NUTRITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Exam- ined	ROUTINE CASES										NON-ROUTINE CASES	
		Above Average		Average		Below Average		Very Bad		Below Average	Very Bad	Below Average	Very Bad
		No.	%	No.	%	No.	%	No.	%				
Cumbernauld	Boys	24	11.4	170	90.0	16	7.6	...	...	...	...	...	...
	Girls	23	9.6	182	76.2	34	14.2	...	...	...	...	...	...
	Total	47	10.5	352	78.4	50	11.1	...	...	...	...	...	...
Kirkintilloch ...	Boys	96	12.0	637	80.5	59	7.1	1	0.1	...	...	...	...
	Girls	135	17.3	589	75.7	53	6.9	1	0.1	...	...	...	...
	Total	231	14.7	1226	78.1	112	7.1	2	0.1	...	...	...	...
New Kilpatrick	Boys	64	17.7	285	79.0	12	3.3	...	...	...	...	...	...
	Girls	45	12.0	315	83.3	18	4.7	...	...	...	...	...	...
	Total	109	14.8	600	81.2	30	4.0	...	...	...	...	...	...
Old Kilpatrick	Boys	54	8.5	525	82.5	58	9.0	...	...	...	...	...	...
	Girls	37	5.6	557	84.3	66	10.0	1	0.1	...	...	...	...
	Total	91	7.0	1082	83.4	124	9.5	1	0.1	...	...	...	...
Dumbarton ...	Boys	4	0.6	557	94.7	28	0.7	...	...	...	...	...	...
	Girls	6	0.9	618	96.0	18	2.8	2	0.3	...	...	...	...
	Total	10	0.8	1175	95.3	46	3.7	2	0.2	...	...	...	...
Vale of Leven	Boys	53	9.7	401	72.7	90	16.4	6	0.2	...	...	...	...
	Girls	50	9.0	429	77.6	71	12.9	3	0.5	...	...	...	...
	Total	103	9.4	830	75.2	161	14.6	9	0.4	...	...	...	...
Helensburgh ...	Boys	38	10.6	277	77.2	42	11.6	2	0.6	...	...	...	...
	Girls	38	10.9	280	79.5	33	9.4	1	0.2	...	...	...	...
	Total	76	10.8	557	78.3	75	10.5	3	0.4	...	...	...	...
Total	Boys	333	9.5	2852	81.6	305	8.7	9	0.2	...	...	...	...
	Girls	334	9.3	2971	82.4	293	8.1	7	0.2	...	...	...	...
	Total	667	9.4	5823	82.0	588	8.4	16	0.2	...	...	...	...

SCHOOL MANAGEMENT AREA	ROUTINE CASES										NON-ROUTINE CASES	
	Number of Routine Cases Examined	No Teeth Decayed		1 to 4 Teeth Decayed		5 or more Teeth Decayed		Oral Sepsis		5 or more Decayed	Oral Sepsis	
		No.	%	No.	%	No.	%	No.	%			
Cumbernauld	Boys	210	47.2	96	45.6	15	7.2	3	1.4	...	...	
	Girls	239	51.0	102	42.7	15	6.3	3	1.2	...	...	
	Total	449	49.2	198	44.1	30	6.7	6	1.3	...	...	
Kirkintilloch ...	Boys	793	57.9	281	35.4	53	6.7	1	0.1	...	...	
	Girls	778	63.9	231	29.7	50	6.4	...	...	...	...	
	Total	1571	60.8	512	32.5	103	6.6	1	0.1	4	...	
New Kilpatrick	Boys	361	67.4	93	25.7	25	6.9	...	...	...	...	
	Girls	378	64.2	113	29.8	22	5.8	1	0.2	...	...	
	Total	739	65.8	206	27.8	47	6.3	1	0.1	1	...	
Old Kilpatrick	Boys	637	49.9	214	33.6	105	16.5	13	2.0	...	...	
	Girls	661	52.7	213	32.2	100	15.1	14	2.1	...	...	
	Total	1298	51.3	427	32.9	205	15.8	27	2.1	1	...	
Dumbarton ...	Boys	589	60.5	105	17.7	128	21.8	...	...	...	...	
	Girls	644	62.4	101	15.7	141	21.9	...	...	...	...	
	Total	1233	61.4	206	16.7	269	21.9	...	...	13	...	
Vale of Leven	Boys	550	54.7	142	25.8	107	19.5	45	8.1	...	...	
	Girls	553	54.1	166	30.0	88	15.9	31	5.6	...	...	
	Total	1103	54.4	308	27.9	195	17.7	76	6.8	3	...	
Helensburgh ...	Boys	359	59.1	89	24.8	58	16.1	28	7.7	...	...	
	Girls	352	55.2	89	25.3	69	19.5	16	4.5	...	...	
	Total	711	57.1	178	25.1	127	17.8	44	6.1	1	...	
Total	Boys	3499	56.8	1020	29.2	491	14.0	90	2.6	...	...	
	Girls	3605	58.4	1015	28.2	485	13.4	65	1.8	...	...	
	Total	7104	57.6	2035	28.7	976	13.7	155	2.2	23	...	

# 7.-K. NOSE, THROAT AND LYMPHATIC GLANDS.

(a) Nose.

SCHOOL MANAGEMENT AREA	Catarrh.			Obstruction			Others			Total		
	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
	No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	...	...	...	1	0.2	...	2	0.4	...	3	0.6	...
Kirkintilloch ...	...	...	...	...	...	2	20	1.3	17	20	1.3	19
New Kilpatrick	...	...	...	1	0.1	...	2	0.3	...	3	0.4	...
Old Kilpatrick	21	1.6	...	83	6.4	1	3	0.2	3	107	8.2	4
Dumbarton ...	27	2.2	1	7	0.6	3	7	0.6	18	41	3.3	22
Vale of Leven ...	24	2.2	3	95	8.6	1	5	0.5	3	124	11.2	7
Helensburgh ...	20	0.3	4	59	8.3	...	1	0.1	2	80	11.2	6
Total ...	92	1.3	8	246	3.5	7	40	0.5	43	378	5.3	58

(b) I, Tonsils.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Enlarged			Much Enlarged			Removed		
		Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
		No.	%		No.	%		No.	%	
Cumbernauld	449	12	2.7	1	5	1.1	3	28	6.2	...
Kirkintilloch	1571	19	1.2	1	18	1.1	22	215	13.7	...
New Kilpatrick	739	14	1.9	...	7	0.9	...	135	18.3	...
Old Kilpatrick	1298	11	0.8	...	237	18.3	34	121	10.0	...
Dumbarton ...	1233	98	7.9	10	75	6.1	18	172	13.9	...
Vale of Leven	1103	133	12.0	7	102	9.2	31	176	15.9	...
Helensburgh ...	711	118	16.6	2	49	6.9	22	106	14.9	...
Total ...	7104	405	5.7	21	493	6.9	130	953	13.4	...

## 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(b) 2, Adenoids.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Present			Suspected			Removed		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbersome	449	6	1.3	1	2	0.4	...	28	6.2	...
Kirkintilloch ...	1571	21	1.3	5	5	0.3	22	211	13.4	...
New Kilpatrick	739	8	1.1	...	2	0.3	...	135	18.3	...
Old Kilpatrick	1298	5	0.4	1	87	6.7	10	119	9.2	...
Dumbarton ...	1233	7	0.6	1	15	1.2	2	98	7.9	8
Vale of Leven	1103	8	0.7	...	95	8.6	13	179	16.2	...
Helensburgh ...	711	4	0.6	...	51	7.2	3	98	13.8	...
Total ...	7104	59	7.2	8	257	3.6	50	868	12.2	8

## 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(c) Lymphatic Glands—Submaxillary and Cervical.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Palpably Enlarged						Markedly Enlarged						Suppurating						Cicatrices					
		Submaxillary			Cervical			Submaxillary			Cervical			Submaxillary			Cervical			Submaxillary			Cervical		
		No.	Routine	Non- Routine	No.	Routine	%	No.	Routine	Non- Routine	No.	Routine	%	No.	Routine	Non- Routine	No.	Routine	%	No.	Routine	Non- Routine	No.	Routine	%
Cumbernauld ...	449	1	0.2	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1571	4	0.2	4	...	3	0.1	...	2	0.1	...	...	...	1	0.1	...	...	...	...	1	0.1	...	...	...	...
New Kilpatrick	739	2	0.3	...	...	...	...	2	0.3	...	...	...	...	...	...	...	...	...	...	1	0.1	...	...	...	...
Old Kilpatrick ...	1298	22	0.8	1	...	...	...	72	5.5	2	...	...	...	...	...	...	...	...	...	2	0.1	...	...	...	...
Dumbarton ...	1233	3	0.2	...	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	2	0.2	...	...	...	...
Vale of Leven ...	1103	21	1.8	2	...	...	...	4	80	7.2	...	2	0.2	...	...	...	...	...	...	10	0.9	...	1	0.1	...
Helensburgh ...	711	13	1.7	...	1	0.1	...	2	40	5.6	...	...	...	...	...	...	...	...	...	2	0.1	...	2	0.1	...
Total ...	7104	66	0.9	7	1	0.1	...	1195	2.7	6	4	0.1	...	...	...	...	...	...	...	18	0.2	...	3	0.1	...

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Strabismus			Blepharitis			Conjunctivitis			Corneal Opacities			Other Diseases		
		Routine			Routine			Routine			Routine			Routine		
		No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine
Cunibernauld	Boys	210	1.4	...	2	1.0	...	...	...	...	...	...	...	...	...	...
	Girls	239	3.0	...	1	0.4	...	...	...	...	...	...	...	...	...	...
	Total	449	2.2	5	3	0.7	1	...	...	...	...	...	...	...	...	1
Kirkintilloch	Boys	793	3.2	...	6	0.8	...	...	...	...	1	0.1	...	3	0.4	...
	Girls	778	3.7	...	3	0.4	...	...	...	...	...	...	...	8	1.0	...
	Total	1571	3.4	5	9	0.6	2	...	...	6	1	0.1	2	11	0.7	12
New Kilpatrick	Boys	361	2.2	...	3	0.8	...	...	...	...	...	...	...	2	0.6	...
	Girls	378	1.1	...	...	...	...	...	...	...	1	0.3	...	...	...	...
	Total	739	1.6	1	3	0.4	...	...	...	...	1	0.1	...	2	0.3	...
Old Kilpatrick	Boys	637	3.0	...	8	1.3	...	1	0.2	...	2	0.3	...	...	...	...
	Girls	661	3.2	...	4	0.6	...	...	...	...	1	0.2	...	2	0.3	...
	Total	1298	3.1	16	12	0.9	...	1	0.1	4	3	0.2	...	2	0.2	...
Dumbarton	Boys	589	2.9	...	12	2.0	...	1	0.2	...	...	...	...	2	0.3	...
	Girls	644	1.4	...	22	3.4	...	1	0.2	...	1	0.2	...	4	0.6	...
	Total	1233	2.1	5	34	2.8	4	2	0.2	2	1	0.1	2	6	0.5	7
Vale of Leven	Boys	550	3.8	...	5	0.9	...	...	...	...	...	...	...	2	0.4	...
	Girls	553	4.3	...	2	0.4	...	...	...	...	2	0.4	...	3	0.5	...
	Total	1103	4.1	16	7	0.6	4	...	...	4	2	0.2	...	5	0.5	4
Helensburgh	Boys	359	3.3	...	...	...	...	...	...	...	1	0.3	...	1	0.3	...
	Girls	352	2.8	...	3	0.9	...	...	...	...	...	...	...	4	1.1	...
	Total	711	3.1	3	3	0.4	2	...	...	5	1	0.1	2	5	0.7	2
Total	Boys	3499	3.0	...	36	1.0	...	2	0.1	...	4	0.1	...	10	0.2	...
	Girls	3605	2.9	...	35	1.0	...	1	0.1	...	5	0.1	...	21	0.6	...
	Total	7104	2.9	51	71	1.0	13	3	0.1	21	9	0.1	6	31	0.4	26

# 7.—N. EAR DISEASES.

20

## 7.—O. HEARING.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Otorrhoea			Wax			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbersnauld ...	449	4	0.9	2	3	0.7	...	...	...	...	7	1.5	2
Kirkintilloch ...	1571	9	0.6	7	7	0.4	3	1	0.1	10	17	1.1	20
New Kilpatrick...	739	2	0.3	...	1	0.1	...	...	...	...	3	0.4	...
Old Kilpatrick ...	1298	16	1.2	7	6	0.5	2	3	0.2	4	25	1.9	13
Dumbarton ...	1233	6	0.5	8	3	0.2	5	5	0.4	4	14	1.1	17
Vale of Leven ...	1103	15	1.2	5	2	0.2	...	2	0.2	3	19	1.6	8
Helensburgh ...	711	5	0.7	2	1	0.1	4	2	0.3	2	8	1.1	8
Total ...	7104	57	0.8	31	23	0.3	14	13	0.2	23	93	1.3	68

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slightly Deaf			Very Deaf			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbersnauld	449	4	0.9	...	...	...	...	4	0.9	...
Kirkintilloch ...	1571	11	0.7	...	1	0.1	7	12	0.7	7
New Kilpatrick	739	2	0.3	...	...	...	...	2	0.3	...
Old Kilpatrick	1298	12	0.9	...	7	0.5	1	19	1.5	1
Dumbarton ...	1233	16	1.3	3	8	0.6	...	24	1.9	3
Vale of Leven	1103	9	0.8	2	9	0.8	...	18	1.6	2
Helensburgh	711	4	0.6	1	2	0.3	...	6	0.8	1
Total ...	7104	58	0.8	6	27	0.4	8	85	1.2	14

# 7.—M. Visual Acuity (Snellen's Test at 6 Metres).

21A

Vision shown is "Working Vision," i.e., Vision of better eye. Good Vision= $\frac{6}{6}$ . Fair Vision= $\frac{6}{5}$  to  $\frac{6}{4}$ . Bad Vision= $\frac{6}{3}$  or worse.

School Management Area		ROUTINE CASES																																Total								Non-Routine									
		Age 8								Age 14								Age 16																																	
		Good				Fair				Bad				Bad in one Eye only				Good				Fair				Bad				Bad in one Eye only				Good				Fair				Bad				Bad in One Eye only				Bad	Bad in One Eye only
		No. Examined	No.	%	No.	%	No.	%	No.	%	No. Examined	No.	%	No.	%	No.	%	No. Examined	No.	%	No.	%	No.	%	No. Examined	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%														
Cumbernauld	Boys	78	76	97.6	1	1.2	1	1.2	4	5.1	73	70	96.0	2	2.7	1	1.3	5	6.8	1	1	...	...	...	...	...	...	152	147	96.7	3	2.0	2	1.3	9	5.9	...	...													
	Girls	106	102	96.2	2	1.9	2	1.9	3	2.8	66	59	89.4	4	6.1	3	4.5	3	4.5	...	...	...	...	...	...	...	172	161	93.7	6	3.4	5	2.9	6	3.4	...	...														
Kirkintilloch	Boys	211	205	97.2	4	1.9	2	0.9	7	3.3	313	295	94.3	8	2.5	10	3.2	18	5.7	63	57	90.6	3	4.7	3	4.7	587	557	95.0	15	2.5	15	2.5	27	4.6	...	...														
	Girls	206	192	93.3	9	4.3	5	2.4	4	1.9	328	297	90.6	16	4.9	15	4.5	14	4.3	50	44	88.0	1	2.0	3	10.0	584	533	91.4	26	4.4	25	4.3	21	3.6	...	...														
New Kilpatrick	Boys	417	397	95.2	13	3.1	7	1.7	11	2.6	641	592	92.4	24	3.7	25	3.9	32	5.0	113	101	89.4	4	3.5	8	7.1	1171	1090	93.1	41	3.5	40	3.4	48	4.1	20	...														
	Girls	113	109	96.6	2	1.7	2	1.7	...	...	133	127	95.5	1	0.7	5	3.8	7	5.3	4	3	75.0	...	...	1	25.0	250	239	95.6	3	1.2	8	3.2	7	2.8	...	...														
Old Kilpatrick	Boys	127	119	93.7	5	4.0	3	2.3	6	4.7	136	130	95.6	1	0.7	5	3.7	3	2.2	10	6	60.0	...	...	4	40.0	273	255	93.4	6	2.2	12	4.4	9	3.3	...	...														
	Girls	240	228	95.0	7	2.9	5	2.1	6	2.5	269	257	95.5	2	0.7	10	3.8	10	3.8	14	9	64.3	...	...	5	35.7	523	494	94.5	9	1.7	20	3.8	16	3.0	1	...														
Dumbarton	Boys	270	244	90.4	15	5.5	11	4.1	9	3.3	114	107	93.9	4	3.5	3	2.6	3	2.6	...	...	...	...	...	...	...	384	351	91.4	19	5.0	14	3.6	12	3.1	...	...														
	Girls	269	252	93.7	12	4.5	5	1.8	5	1.8	108	94	87.0	7	6.5	7	6.5	5	4.6	...	...	...	...	...	...	...	377	346	91.8	19	5.0	12	3.2	10	2.6	...	...														
Vale of Leven	Boys	539	496	92.1	27	5.0	16	2.9	14	2.6	222	201	90.5	11	5.0	10	4.5	8	3.6	...	...	...	...	...	...	...	761	697	91.6	38	5.0	26	3.4	22	2.9	14	...														
	Girls	156	142	91.1	11	7.0	3	1.9	5	3.2	234	219	93.6	9	3.8	6	2.6	12	5.2	19	16	84.2	...	...	3	15.8	409	377	92.2	20	4.9	12	2.9	17	4.1	...	...														
Helensburgh	Boys	182	171	94.0	7	3.9	4	2.1	3	1.6	248	226	91.2	13	5.2	9	3.6	12	4.8	29	23	79.3	2	6.9	4	13.8	459	420	91.5	22	4.8	17	3.7	15	3.2	...	...														
	Girls	338	313	92.6	18	5.4	7	2.0	8	2.4	482	445	92.4	22	4.5	15	3.1	24	5.0	48	39	81.3	2	4.1	7	14.6	868	797	91.9	42	4.8	29	3.3	32	3.7	13	...														
Total	Boys	162	143	88.2	11	6.8	8	5.0	4	2.4	146	133	91.1	10	6.9	3	2.0	5	3.4	7	4	57.2	3	42.8	...	...	315	280	88.9	24	7.6	11	3.5	9	2.8	...	...														
	Girls	153	138	90.2	11	7.2	4	2.6	5	3.2	140	119	85.0	15	10.7	6	4.0	8	5.7	3	2	66.7	...	...	1	33.3	296	259	87.5	26	8.8	11	3.7	13	4.4	...	...														
Total	Boys	315	281	89.2	22	7.0	12	3.8	9	2.8	286	252	88.1	25	8.8	9	3.1	13	4.5	10	6	60.0	3	30.0	1	10.0	611	539	88.2	50	8.2	22	3.6	22	3.6	13	...														
	Girls	133	119	89.5	12	9.0	2	1.5	8	6.0	98	84	85.7	4	4.4	3	3.3	...	...	8	7	87.5	1	12.5	...	...	232	210	90.6	17	7.3	5	2.1	8	3.5	...	...														
Total	Boys	131	115	87.8	8	6.1	8	6.1	1	0.7	91	87	95.6	8	8.4	3	3.0	...	...	2	2	100.0	...	...	...	...	231	204	88.3	16	6.9	11	4.8	4	1.7	...	...														
	Girls	264	234	88.6	20	7.6	10	3.8	9	3.4	189	171	90.5	12	6.3	6	3.2	3	1.6	10	9	90.0	1	10.0	...	...	463	414	89.5	33	7.1	16	3.4	12	2.6	30	...														
Total	Boys	1123	1038	92.4	56	5.0	29	2.6	37	3.3	1104	1035	93.8	38	3.4	31	2.8	50	4.5	102	88	86.2	7	6.9	2	2.0	2329	2161	92.9	101	4.3	67	2.8	89	3.3	...	...														
	Girls	1174	1089	92.8	54	4.6	31	2.6	27	2.3	1124	1012	90.0	64	5.7	48	4.3	48	4.3	94	77	81.9	3	3.2	14	14.9	2392	2178	91.0	121	5.0	93	3.9	78	3.2	...	...														
Total	Boys	2297	2127	92.6	110	4.8	60	2.6	64	2.8	2228	2047	91.9	102	4.6	79	3.5	98	4.4	196	165	84.2	10	5.1	21	10.7	4721	4339	91.9	222	4.7	160	3.4	167	3.3	96	...														
	Girls	1174	1089	92.8	54	4.6	31	2.6	27	2.3	1124	1012	90.0	64	5.7	48	4.3	48	4.3	94	77	81.9	3	3.2	14	14.9	2392	2178	91.0	121	5.0	93	3.9	78	3.2	...	...														



## 7.—P. SPEECH.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Defective Articulation			Stammering			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld...	449	1	0.2	1	1	0.2	...	2	0.4	1
Kirkintilloch ...	1571	2	0.1	...	3	0.2	...	5	0.3	...
New Kilpatrick	739	1	0.1	...	5	0.7	...	6	0.8	...
Old Kilpatrick	1298	12	0.9	...	7	0.5	...	19	1.4	...
Dumbarton ...	1233	3	0.2	...	2	0.2	...	5	0.4	...
Vale of Leven	1103	10	0.9	...	6	0.5	...	16	1.4	...
Helensburgh ...	711	11	1.5	...	8	1.1	...	19	2.7	...
Total ...	7104	40	0.6	1	32	0.4	...	72	1.0	1

## 7.—G. MENTAL CONDITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Dull or Backward			Mentally Deficient			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	449	1	0.2	...	...	...	...	1	0.2	...
Kirkintilloch ...	1571	12	0.7	...	7	0.4	...	19	1.1	...
New Kilpatrick	739	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1298	5	0.7	...	...	...	...	5	0.7	...
Dumbarton ...	1233	2	0.2	...	1	0.1	...	3	0.2	...
Vale of Leven	1103	9	0.8	...	1	0.1	...	10	0.9	...
Helensburgh ...	711	...	...	...	4	0.6	...	4	0.6	...
Total ...	7104	29	0.4	...	13	0.2	...	42	0.6	...

7.—R. HEART AND CIRCULATION.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Organic Disease						Functional Disease						Total	
		Congenital			Acquired			Routine			Non-Routine			Routine	
		Routine		Non-Routine	Routine		Non-Routine	No.		%	No.		%	No.	%
		No.	%		No.	%									
Cumbernauld ...	449	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1571	2	0.1	...	6	0.4	...	...	...	...	...	...	...	8	0.5
New Kilpatrick	739	2	0.3	...	3	0.4	...	...	...	...	...	...	...	5	0.7
Old Kilpatrick ...	1298	...	...	...	9	0.7	1	3	0.2	...	...	...	...	12	0.9
Dumbarton ...	1233	4	0.3	...	9	0.7	2	...	...	...	...	...	...	13	1.0
Vale of Leven ...	1103	5	0.4	2	7	0.6	1	9	0.8	...	1	...	...	21	1.8
Helensburgh ...	711	1	0.1	...	14	1.9	...	2	0.3	...	...	...	...	17	2.2
Total ...	7104	14	0.2	2	48	0.7	4	14	0.2	...	1	...	...	76	1.1

## 7.—S. LUNGS.

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Bronchial Catarrh			Bronchitis			Tuberculosis			Tuberculosis Suspected			Asthma			Total		
		No.	% Routine	Non- Rou- tine	No.	% Routine	Non- Rou- tine	No.	% Routine	Non- Rou- tine	No.	% Routine	Non- Rou- tine	No.	% Routine	Non- Rou- tine	No.	% Routine	Non- Rou- tine
Cumbernauld	449	...	...	...	2	0.4	1	...	...	...	...	...	...	1	0.2	...	3	0.7	1
Kirkintilloch	1571	...	...	...	16	1.0	7	...	...	...	...	...	...	3	0.2	1	19	1.2	8
New Kilpatrick	739	...	...	...	3	0.4	...	...	...	...	...	...	...	3	0.4	...	6	0.8	...
Old Kilpatrick	1298	20	1.5	...	9	0.7	5	...	...	...	...	...	...	2	0.1	...	31	2.4	5
Dumbarton	1233	76	6.2	5	3	0.2	3	...	...	...	...	...	...	3	0.2	2	82	6.4	10
Vale of Leven	1103	17	1.5	7	3	0.3	...	...	...	...	...	...	...	3	0.3	4	23	2.1	11
Helensburgh	711	9	1.3	2	1	0.1	...	...	...	...	...	...	...	1	0.1	...	11	1.5	2
Total	7104	122	1.7	14	37	0.5	16	...	...	...	...	...	...	16	0.2	7	175	2.4	37

7.—T. NERVOUS SYSTEM.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Epilepsy			Chorea			Infantile Paralysis			Others			Total		
		No.	%	Routine	No.	%	Routine	No.	%	Routine	No.	%	Routine	No.	%	Non- Rou- tine
Cumbernauld	449	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	1571	1	0.1	...	1	0.1	...	2	0.1	2	...	...	...	4	0.2	2
New Kilpatrick	739	1	0.1	1	...	...	...	...	...	...	...	...	...	1	0.1	1
Old Kilpatrick	1298	...	...	2	1	0.1	1	2	0.1	2	3	0.2	...	6	0.5	5
Dumbarton	1233	...	...	...	...	...	...	2	0.2	...	1	0.1	...	3	0.2	...
Vale of Leven	1103	...	...	...	1	0.1	1	2	0.2	...	2	0.2	...	5	0.4	1
Helensburgh	711	...	...	...	3	0.4	1	1	0.1	1	...	...	...	4	0.6	2
Total ...	7104	2	0.03	3	6	0.1	3	9	0.1	5	6	0.1	...	23	0.3	11

## 7.—U. TUBERCULOSIS (NON-PULMONARY).

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Glands			Bones			Joints			Abdominal			Others			Total		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	449	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	1571	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Kilpatrick	739	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1298	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dumbarton	1233	...	...	...	...	...	...	...	...	...	...	...	...	2	0.2	...	2	0.2	...
Vale of Leven	1103	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Helensburgh	711	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Total ...	7104	...	...	...	...	...	...	...	...	...	...	...	1	2	0.03	...	2	0.03	1

## 7.—V. RICKETS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slight			Marked			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	449	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1571	...	...	...	1	0·1	...	1	0·1	...
New Kilpatrick	739	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1298	...	...	...	...	...	...	...	...	...
Dumbarton ...	1233	...	...	...	...	...	...	...	...	...
Vale of Leven	1103	...	...	...	...	...	...	...	...	...
Helensburgh ...	711	...	...	...	...	...	...	...	...	...
Total ...	7104	...	...	...	1	0·01	...	1	0·01	...

## 7.—W. DEFORMITIES.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Congenital			Acquired (Non-Rachitic)			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	449	1	0.2	1	9	2.0	...	10	2.2	1
Kirkintilloch ...	1571	...	...	...	48	3.0	11	48	3.0	11
New Kilpatrick	739	1	0.1	...	13	1.7	...	14	1.8	...
Old Kilpatrick	1298	1	0.1	...	35	2.7	2	36	2.7	2
Dumbarton ...	1233	4	0.3	1	34	2.7	4	38	3.0	5
Vale of Leven	1103	4	0.3	...	16	1.4	6	20	1.8	6
Helensburgh	711	1	0.1	...	16	2.2	5	17	2.3	5
Total ...	7104	12	0.2	2	171	2.3	28	183	1.5	30

## 7.—X. INFECTIOUS OR CONTAGIOUS DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Examined	Scarlet Fever			Diphtheria			Whooping Cough			Measles			Mumps			Chicken Pox			Total		
		No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine
Cumbernauld ...	449	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1571	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
New Kilpatrick	739	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Old Kilpatrick ...	1298	...	...	...	...	...	...	...	...	...	...	...	...	2	0.1	1	...	...	...	2	0.1	3
Dumbarton ...	1233	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Vale of Leven ...	1103	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	1	0.1	...	1	0.1	6
Helensburgh ...	711	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	7	...	...	...	1	0.1	8
Total ...	7104	...	...	...	...	...	1	...	...	...	...	...	...	3	0.1	11	1	0.1	...	4	0.1	27

7.—Y. OTHER DISEASES AND DEFECTS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Hernia			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	449	...	...	...	7	1.5	2	7	1.5	2
Kirkintilloch ...	1571	3	0.2	2	30	1.9	27	33	2.1	29
New Kilpatrick	739	...	...	...	11	1.4	...	11	1.4	...
Old Kilpatrick	1298	2	0.1	...	34	2.6	25	36	2.7	25
Dumbarton ...	1233	1	0.1	...	111	9.0	75	112	9.1	75
Vale of Leven	1103	2	0.2	...	43	3.8	86	45	4.0	86
Helensburgh ...	711	2	0.3	...	26	3.6	59	28	3.9	59
Total ...	7104	10	0.1	2	262	3.6	274	272	3.7	276

## PREVIOUS ILLNESSES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exami- ned	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Small- pox		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	449	356	79.3	278	61.9	166	37.0	156	34.7	49	10.9	17	3.8	...	...	7	1.6	...	...	98	21.8
Kirkintilloch ...	1571	1310	89.0	913	58.1	550	35.0	580	36.9	221	14.1	100	6.4	...	...	25	1.6	...	...	349	22.2
New Kilpatrick	739	579	78.3	466	63.0	295	39.9	253	34.2	89	12.0	33	4.5	...	...	8	1.1	...	...	201	27.2
Old Kilpatrick ...	1298	1008	77.7	757	58.3	392	30.2	400	30.8	168	12.9	96	7.4	...	...	6	0.5	...	...	292	21.5
Dumbarton ...	1233	997	80.9	740	60.0	464	37.6	483	39.2	195	15.8	120	9.7	...	...	10	0.8	1	0.1	312	25.3
Vale of Leven ...	1103	866	78.5	688	62.3	373	33.8	376	34.2	154	14.0	67	6.1	...	...	6	0.5	...	...	323	29.3
Helensburgh ...	711	531	74.7	407	57.2	305	42.9	149	20.9	116	16.3	64	9.0	...	...	3	0.4	...	...	198	27.8
Total ...	7104	5647	79.5	4249	59.8	2545	35.8	2397	33.7	992	14.0	497	7.0	...	...	65	0.9	1	0.1	1773	24.9

## VACCINATION.

SCHOOL MANAGEMENT AREA	Entrants		Age 8		Age 14		Age 16		Total	
	Rou- tine Cases Exam- ined	Unvaccinated	Rou- tine Cases Exam- ined	Unvaccinated	Rou- tine Cases Exam- ined	Unvaccinated	Rou- tine Cases Exam- ined	Unvaccinated	Rou- tine Cases Exam- ined	Unvaccinated
		No.		%		No.		%		No.
Cumbernauld ...	125	101 80.8	184	145 78.8	139	93 67.9	1	100.0	449	340 75.7
Kirkintilloch ...	400	309 77.3	417	304 72.9	641	443 69.1	113	48	1571	1140 72.5
New Kilpatrick ...	216	153 70.8	240	166 69.2	269	151 56.1	14	5	739	475 64.3
Old Kilpatrick ...	537	441 82.1	539	430 79.8	222	162 72.9	...	...	1298	1033 79.7
Dumbarton ...	365	282 77.3	338	251 74.3	482	303 62.9	48	17	1233	853 69.1
Vale of Leven ...	492	418 82.9	315	247 78.4	286	174 60.9	10	2	1103	841 76.2
Helensburgh ...	248	171 68.9	264	174 65.9	189	108 57.1	10	5	711	458 64.4
Total ...	383	1875 *78.7	2297	1717 *74.3	2228	1434 *64.4	196	78 *39.7	7104	5140 *72.4
	*Decrease compared with last year — 4.7%		*Increase compared with last year — 3.1%		*Increase compared with last year — 1.0%		*Increase compared with last year — 6.2%		*Increase compared with last year — 3.5%	

### 8.—Special Schools and Classes.

*Special Schools.*—There are three Special Schools in the County—Waverley Park Home, Kirkintilloch ; Milton School, Bowling ; and College Street School, Dumbarton.

In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-minded, there is at present no pupil from the County.

Milton Special School, which serves the Old Kilpatrick Area, and also includes Deaf Mute pupils from Vale of Leven, Dumbarton, Helensburgh, and New Kilpatrick, has been closed since the outbreak of war. Some of the children were evacuated to Port Kil Hotel, Kilcreggan, and later transferred to The Grove, Clynder, accompanied by a teacher and a nurse. At the end of the present session six children were still in residence there.

The other children from Milton Special School were conveyed to College Street School, Dumbarton, and dispersed through the classes there. The numbers so conveyed until June, 1942, were 24 Mentally Defective, 3 Physically Defective, 7 Deaf Mutes and 7 Myopics, a total of 41.

College Street School, which serves the Dumbarton, Vale of Leven and Helensburgh Areas, has three classes for Mentally Defectives, with 52 on the roll, and two classes for Physically Defectives with 23 on the roll, a total of 75.

The pupils in the Deaf Mute Classes, 7 in number, are drawn from the whole county except the parishes of Kirkintilloch and Cumbernauld.

*Special Classes*—(a) *For Mentally Defective Children*—Lairdsland School, Kirkintilloch, with 23 on the roll (two classes).

(b) *For Conservation of Vision*—Lairdsland School, Kirkintilloch, with 9 on the roll ; Whitecrook School, Clydebank (temporarily at College Street School), with 7 on the roll ; and College Street School, Dumbarton, with 18 on the roll. Total 34.

The following are the totals for the County :—

Mentally Defectives	...	...	...	...	...	...	78
Physically Defectives	...	...	...	...	...	...	28
Deaf Mutes	...	...	...	...	...	...	7
Conservation of Vision	...	...	...	...	...	...	29
Total							142

Number of Physically Defective Children in Institutions paid for by the County Council ... .. 6

Number of Mentally Defective Children in Institutions paid for by the County Council ... .. 3

Blind Persons in training under Blind Persons Act, 1920 (cost of training borne by the County Council and maintenance by the Local Authority)—

(a) Glasgow Royal Blind Asylum	...	...	...	4
(b) Edinburgh Royal Blind Asylum	...	...	...	2

Total ... .. 15

*Medical Inspection.*—All the children attending Special Schools were medically examined during the session, as has been done each year for some time past. During the present session 66 children—43 boys and 23 girls—were examined. Of these, 23 were mentally defective and 43 physically defective. Of the 43 physically defective children, 15 were myopic, and 8 were deaf-mute.

Sixteen of these children were classed as having nutrition below average, while six had very bad nutrition. Nine showed evidence of ear, nose or throat disease, thirty had defective eyesight, while twenty-one showed evidence of physical deformities, congenital or acquired.

*Special Appliances Supplied to Pupils.*—During the session the Committee agreed to the provision or repair of the following appliances :—

					Pupils.
Special Jackets	...	...	...	...	2
Special Boots	...	...	...	...	1
Splint ...	...	...	...	...	1
Artificial Eye	...	...	...	...	1
Others	...	...	...	...	2

## 9.—Arrangements for Physical Education and Personal Hygiene.

A. Physical Exercises. The arrangement for these remain much the same as in former years. (See Annual Reports, 1914-1915, page 72 ; 1919-1920, page 41 ; 1920-1921, page 38 ; and 1927-1928, page 37).

Children for whom exemption from Physical Exercises or Baths was asked were examined by the School Medical Officers, and exemption was granted if sufficient reason was found. In addition to these a number of children who were found by the School Medical Officers in the course of routine examination to be suffering from such physical defect as demanded exemption from drill or baths were exempted.

The reasons for exemption were as follows :—

### (a) From Drill or Baths :—

Defective Heart	...	...	...	...	15
Recent Abdominal Operation (Appendicitis, etc.)	...	...	...	...	10
Affections of Bones or Joints	...	...	...	...	3
Chest Conditions	...	...	...	...	4
Hernia	...	...	...	...	2
Others	...	...	...	...	6
Total	...	...	...	...	<u>40</u>

### (b) From Baths Only :—

Ear Disease	...	...	...	...	2
Skin Disease	...	...	...	...	1
Total	...	...	...	...	<u>3</u>

## 10.—Feeding of School Children.

In the Cumbernauld School Management Committee Area 7 children were granted a supply of milk, one pint per day, for varying periods.

### Milk-in-Schools Scheme.

I am indebted to the Director of Education for the following details in connection with the Milk-in-Schools Scheme :—

(a) Total number of pupils taking milk at October, 1941 (66.2 per cent of Roll)	12,924
(b) Total number of pupils taking milk at February, 1942 ... (71.4 per cent. of Roll)	14,355

### Employment of Children.

Permits under the Children and Young Persons (Scotland) Act, 1932, are now issued by the School Management Committees. New Bye-Laws came into operation during the Session 1933-34. The numbers of children examined by the Medical Inspectors during the year were as follows :—

	Granted.	Refused.	Total.
Cumbernauld ... ..	—	—	—
Kirkintilloch ... ..	24	14	38
New Kilpatrick ... ..	20	—	20
Old Kilpatrick ... ..	135	—	135
Dumbarton ... ..	26	—	26
Vale of Leven ... ..	18	1	19
Helensburgh ... ..	5	—	5
Total ... ..	228	15	243

### Admission of Children to Approved Schools.

During the session 14 children were examined with regard to their suitability, physically and mentally, for admission to Approved Schools. Of these, 12 were committed by the Sheriff to institutions.

### II.—Arrangements for Medical Treatment.

See Annual Reports, 1927-1928, pages 38, 39 and 40 ; and 1928-1929, pages 46 to 54.

See also Section II., pages 50 to 55, Annual Report for 1938-1939.

### X-Ray Treatment of Ringworm.

No cases of Ringworm of the scalp were treated by X-Ray epilation during the session.

### Ultra-Violet Light Treatment.

In the Alexandria Clinic, 19 school children were treated. The number of attendances was 328, and the average number of treatments was 17.0. The causes of reference were Bronchitis, 3 ; Debility, 8 ; Enlarged Glands, 6 ; Asthma, 1 ; Anaemia, 1 ; Fourteen showed definite improvement.

At the Helensburgh Clinic, 16 school children were treated. The number of attendances was 444, and the average number of treatments 27.7. The causes of reference were Debility, 6 ; Enlarged Glands, 8 ; Rheumatism, 1 ; and Chest Trouble, 1. Twelve were definitely improved.

At the Dumbarton Clinic, 20 school children were treated, making 301 attendances, an average of 15 per patient. The causes of reference were—Skin Diseases, 7 ; Bronchitis and Asthma, 10 ; Malnutrition, 2 ; Others, 1. All were improved.

At the Kirkintilloch Clinic, 13 school children were treated. The number of attendances was 239, and the average number of attendances was 18. The causes of reference were—Debility, 7 ; Anaemia, 1 ; Bronchitis, 1 ; Enlarged Glands, 4. Three cases stopped attendance, the others were much improved.

### Children Attending Nursery Schools.

The Nursery School opened in Elgin Street School early in the session of 1938-1939, has been discontinued for the time being.

### Attendance at Junior Instruction Centres.

No visits were paid to these centres during the present session.

# ORTHOPAEDIC TREATMENT.

The Orthopaedic Clinics in Dumbarton and Kirkintilloch were in full working order during the session. The work at the Clydebank Clinic was still very much hampered by present conditions. A clinic in Helensburgh was opened on 23rd April, 1942. The cases treated were as follows:—

Deformity or Disease	Clydebank Clinic			Dumbarton Clinic			Kirkintilloch Clinic			Vale of Leven Clinic			Helensburgh Clinic			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Kyphosis ...	...	1	1	...	1	1	...	...	...	1	2	3	...	...	...	1	4	5
Kyphosis and Scoliosis ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scoliosis ...	...	1	1	...	...	...	...	1	1	...	...	1	...	...	...	...	3	3
Lordosis ...	3	6	9	...	...	...	...	6	15	...	...	1	...	1	12	12	14	26
Kypho- Lordosis ...	2	2	4	2	4	6	5	6	11	3	1	4	1	2	3	13	15	28
Chest Deformities	1	...	1	6	...	6	2	1	3	1	1	2	1	...	1	11	2	13
Infantile Paralysis ...	...	...	...	1	1	2	2	4	6	1	3	4	2	2	4	6	10	16
Knock Knees ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Foot Deformities	5	2	7	2	5	7	17	13	30	...	7	7	1	7	8	25	34	59
Others ...	2	1	3	1	...	1	1	8	9	3	2	5	3	...	3	10	11	21
Total ...	13	13	26	12	11	23	36	39	75	9	18	27	8	12	20	78	93	171

## Response to Treatment.

Clinic	Good			Fair			Unsatisfactory		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Clydebank ...	...	...	...	...	...	...	...	...	...
Dumbarton ...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	...	...	...	...	...	...	...	...	...
Vale of Leven ...	...	...	...	...	...	...	...	...	...
Helensburgh ...	...	...	...	...	...	...	...	...	...
Total ...	...	...	73	...	...	76	...	...	22

## Number of Treatments Given.

Clydebank—319 (Re-opened 16th Dec., 1942)	Dumbarton—1331 (Including Clydebank, Vale of Leven and Helensburgh)	Kirkintilloch—1644 (See Dumbarton)	Vale of Leven (See Dumbarton)	Helensburgh—326
		Total—3620		

# RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

As it has been suggested that the effect of the removal of tonsils and adenoids produces little permanent benefit, an examination was made of pupils who had been operated on a considerable number of years before.

There were 280 children re-examined at the age of fourteen years who had had tonsils or tonsils and adenoids, or adenoids only removed previously. Of these, 265 were found to be absolutely satisfactory, the remaining fifteen showing evidence of rheumatism, chorea, asthma, bronchial troubles, deafness and otorrhoea.

The following table shows details of this investigation :—

No. of Years after Operation	No. of Cases	Satisfactory	Unsatisfactory	Reasons for Classification as unsatisfactory.					
				Rheumatism	Chorea	Asthma	Bronchial Conditions	Deafness	Otorrhoea
More than									
10	58	56	2	...	...	1	...	1	...
9	29	26	3	...	...	...	1	2	...
8	77	74	3	...	...	1	...	1	1
7	46	44	2	...	...	...	...	1	1
6	23	22	1	...	...	...	...	...	1
5 or less	47	43	4	1	...	1	...	...	2
Total	280	265	15	1	...	3	1	5	5

The table which will be found on page 38 shows the results of the removal of tonsils and/or adenoids, as ascertained by examination at an interval of about one year from operation. The figures are cumulative from the investigation commenced during the session 1931-1932.

## REMOVAL OF TONSILS AND/OR ADENOIDS.

Owing to war conditions no operations were carried out in the Whitecrook Clinic, Clydebank, during the present session. All children from Clydebank requiring operations were conveyed to Dumbarton Clinic and dealt with there.

		Tonsils and Adenoids Removed.				Adenoids only Removed.			
		Result Satisfactory.	Result Moderately Satisfactory.	Result Unsatisfactory	Total	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Total
	Number Percentage	2942 77.4	624 16.4	236 6.2	3802	299 45.6	227 34.6	130 19.8	656
Mouth Breathing	Present before operation	2196	524	157	2877	265	108	97	470
	Continuing after operation	92	113	96	301	13	34	65	113
	Apparently cured ...	2104	411	61	2576	252	74	31	357
	Beginning after operation	1	9	5	15	1	...	1	2
Deafness	Present before operation	464	168	49	681	186	42	19	247
	Continuing after operation	57	82	38	177	30	16	13	59
	Apparently cured ...	407	86	11	504	156	26	6	188
	Beginning after operation	8	4	4	16	5	...	1	6
Discharging Ear	Present before operation	373	118	497	988	51	22	13	86
	Continuing after operation	63	65	146	274	13	6	9	28
	Apparently cured ...	310	53	351	714	38	16	4	58
	Beginning after operation	16	12	29	57	2	1	2	5
Discharging Nose	Present before operation	1225	305	120	1650	166	78	86	330
	Continuing after operation	110	173	109	392	16	50	79	145
	Apparently cured ...	1115	132	11	1258	150	28	7	185
	Beginning after operation	23	31	10	64	...	5	5	10
Susceptibility to Colds and/or Sore Throats	Present before operation	2292	523	163	2978	215	89	101	405
	Continuing after operation	142	199	130	471	19	46	85	150
	Apparently cured ...	2150	324	33	2507	196	43	16	255
	Beginning after operation	11	4	9	24	...	1	3	4
Enlarged Glands	Present before operation	1208	450	45	1703	38	13	32	83
	Continuing after operation	74	72	22	168	10	4	23	37
	Apparently cured ...	1134	378	23	1535	28	9	9	46
	Beginning after operation	8	8	2	18	...	...	4	4
Rheumatism or Chorea	Present before operation	141	81	11	233	10	1	...	11
	Continuing after operation	46	39	7	92	7	1	...	8
	Apparently cured ...	95	42	4	141	3	...	...	3
	Beginning after operation	50	36	4	90	2	3	...	5

## TREATMENT OF MINOR AILMENTS.

District	Nurse	Number of Children dealt with	Total Number of Attendances	Number of Visits to Parents	Number of Visits to Clinics or Schools	Eye Cases	Throat and Nose Cases	Ear Cases	Skin Cases	Others	Attendance at Eye, Operations Dental and X-Ray Clinics
Kirkintilloch ...	C. M. Jeffrey	724	3365	67	90	76	...	61	540	47	210
Cumbernauld Kirkintilloch (Landward) ...	M. M. Macdonald	611	1880	127	67	13	8	16	548	26	146
Old Kilpatrick (Burgh and Landward) ...	E. S. R. Stevenson	455	834	86	83	4	4	22	425	...	175
Dumbarton (except Notre Dame and West Bridgend Schools)	M. Gilmour	910	1701	11	43	15	...	46	774	75	243
New Kilpatrick Vale of Leven (Renton Public and St. Martin's)	C. Macnair	247	834	154	132	6	...	6	225	10	171
Vale of Leven (except Renton)	J. Scott	534	1271	259	42	4	...	31	439	60	417
Helensburgh Dumbarton (Notre Dame and West Bridgend Schools)	K. S. Stevenson	307	1025	36	38	7	...	21	262	17	176
Total ...		3788	10,910	740	495	125	12	203	3213	235	1538



## DENTAL TREATMENT.

SCHOOL MANAGEMENT AREA	DENTIST	Number of Children Treated					Actual No. of Attend- ances	Conservation Treatment				Extractions				Anaesthetics	
		Routine Cases			No. of Emer- gency Cases treated	Total No. of Cases treated		Teeth Filled		Teeth Conserved by other Treatment		Teeth Extracted					
		No. of Cases In- spec- ted	No. of Cases requir- ing treat- ment	Actual No. of Cases Treated				Per- manent	Per- manent	Tem- porary	Per- manent	Tem- porary	Per- manent	Total No. of Extrac- tions			
															Local	General	
Cumbernauld ...	Mr. Cassidy ...	366	273	331	43	374	407	...	103	28	50	386	77	463	176	39	
Kirkintilloch ...	Mr. Cassidy ...	1385	1020	1097	276	1373	1703	21	435	75	374	1555	359	1914	444	237	
Kirkintilloch ...	Miss McKendrick	789	424	335	87	422	706	...	208	...	161	840	238	1078	745	44	
New Kilpatrick	Mr. Cassidy ...	744	483	551	91	642	890	14	306	60	196	468	105	573	248	39	
Old Kilpatrick	Miss McKendrick	942	602	171	47	218	416	...	71	...	47	697	184	881	271	87	
Old Kilpatrick	Mr. Macdonald	1210	898	414	65	479	679	18	138	5	349	375	85	460	217	25	
Dumbarton ...	Miss Pugh ...	2197	1447	590	232	822	2273	5	779	38	488	967	578	1545	512	187	
Vale of Leven	Miss Pugh ...	1760	1184	450	102	552	1214	2	441	1	189	675	267	942	268	120	
Vale of Leven	Mr. Macdonald	183	135	73	5	78	177	9	66	10	88	67	14	81	34	5	
Vale of Leven	Miss McKendrick	430	263	123	103	226	559	...	77	...	35	591	95	686	285	55	
Helensburgh ...	Mr. Macdonald	929	806	529	222	751	1619	68	469	70	1024	615	177	792	151	78	
Helensburgh ...	Miss McKendrick	626	397	347	89	436	961	...	201	...	199	1088	174	1262	670	72	
Total ...	... ..	11,561	7932	5011	1362	6373	11,604	137	3294	287	3200	8324	2353	10,677	4021	988	

## Ophthalmic Treatment of School Children

SCHOOL MANAGEMENT AREA.																									
		Dumbarton.				Helensburgh.				Kirkintilloch and Cumbernauld.				New Kilpatrick.				Old Kilpatrick.				Vale of Leven.			
		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
Defective Vision treated with Spectacles	H.	27	26	26	27	8	9	16	13	42	39	37	35	7	7	2	2	19	18	22	19	34	34	23	22
	H.A.	24	25	22	21	13	12	10	12	24	26	28	29	4	4	6	5	21	22	18	23	19	19	22	23
	M.A.	7	8	6	7	3	4	5	6	7	8	9	9	0	0	3	4	0	0	3	3	3	3	5	4
	Mix. A.	12	11	9	9	4	4	2	2	8	7	4	5	2	2	0	0	1	1	2	2	3	3	8	6
Total		70	70	63	65	30	31	34	34	83	82	81	81	13	13	11	12	43	43	49	49	61	61	58	58
Defective Vision too slight to benefit from Spectacles		5	5	6	4	3	2	6	6	11	11	13	14	...	...	3	2	6	5	6	6	4	4	1	1
Defective Vision treated otherwise		7	7	4	4	3	3	2	2	9	10	15	14	2	2	1	1	4	5	2	2	4	4	1	1
Total Number of Children Examined		82		73		36		42		103		109		15		15		53		57		69		60	
Re-examinations		65		70		16		16		105		85		6		22		31		51		74		74	

Total Number of Children Examined—714.  
Total Number of Spectacles Supplied—411.

## Ophthalmic Treatment of School Children—Continued.

Complications	SCHOOL MANAGEMENT AREA.											
	Dumbarton		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Blepharitis ...	3	2	0	1	7	9	0	0	2	1	2	2
Ptoxis ...	0	0	0	0	0	0	0	0	2	0	1	0
Strabismus convergens ...	34	35	15	13	35	38	3	3	25	26	33	28
Strabismus divergens ...	0	0	0	0	0	1	0	1	0	0	0	0
Conjunctivitis, Keratitis and Iritis	4	2	2	1	5	8	2	1	2	0	1	1
Opacity of Cornea ...	3	3	1	0	3	4	0	0	2	2	4	3
Opacity of Lens ...	1	0	0	0	2	0	0	0	0	0	0	0
Dislocation of Lens ...	0	0	0	0	0	1	0	0	0	0	0	0
Aphakia ...	0	0	0	0	0	0	0	0	0	0	0	0
Synechia Anterior ...	0	0	0	0	1	0	0	0	0	0	0	0
Synechia Posterior ...	0	0	0	0	0	0	0	0	0	0	0	0
Choroido-Retinitis ...	0	0	0	0	1	0	0	0	1	0	0	0
Optic Atrophy ...	0	0	0	0	0	1	0	0	0	0	0	0
Nystagmus ...	2	0	0	0	2	0	0	0	0	0	0	0
Albinism ...	1	1	0	0	0	0	0	0	0	0	0	0
Anophthalmos ...	1	2	0	0	0	1	0	0	0	0	0	1

## ORTHOPTIC TREATMENT.

The present session marks the completion of the third year of activity of the Orthoptic Clinics, which have been established at Clydebank, Dumbarton and Kirkintilloch. In the establishment of these clinics a real advance has been made in the treatment of squint, that rather common disfigurement of child life.

Squint is conveniently classified into three groups. In the first group, a large one, the squint disappears when suitable glasses are worn constantly. In some of these cases, especially those dealt with at an early period, full binocular vision is retained, and no further treatment is required. In others, while the eye appears straight, the sight of one eye has deteriorated, and treatment is necessary to restore the vision.

In the second group glasses are not sufficient to correct the squint, though it may be improved, and steps have to be taken not only to restore vision but also to exercise weak muscles; in this way a cure is effected.

In the third group all those forms of treatment are insufficient, and, in addition to the use of glasses, occlusion and exercises, recourse to operation is necessary.

During the year children have been taught occlusion with the co-operation of the parents, and have been kept under observation to note progress. Others have been given suitable exercises to re-establish binocular vision and strengthen muscles. An increasing number of operations have also been done at the Ophthalmic Institution. The link which the Orthoptist also has with this Institute has been helpful in enabling treatment to be continued soon after the operation.

The following table shows the number of cases seen by the Orthoptist :—

## ORTHOPTIC TREATMENT.

The following table shows the number of cases seen by the Orthoptist:—

	Clydebank	Dumbarton	Kirkintilloch	Total
Number of Children under Treatment ... ..	10	14	8	32
Number of Children under Observation ... ..	13	31	14	58
Attendances—				
Preliminary Examination ...	4	12	4	20
Cases for Occlusion ... ..	40	105	47	192
Cases for Orthoptic Exercises	166	330	345	841
Cases Re-Examined ... ..	41	112	78	231
Total ... ..	251	559	474	1284
Cases operated on ... ..	...	3	1	4
Cases Discharged ... ..	...	2	3	5

## REPORT BY SCHOOL NURSES.

District	Nurse	Number of Children Examined	Total Number of Inspections	Number of Visits to Parents or Schools	Vermin or Nits on Head	Vermin or Nits on Body	Vermin Suspected	Unsatisfactory Clothing	Unsatisfactory Footgear	Others
Kirkintilloch ...	C. M. Jeffrey	181	863	95	126	...	47	8	...	...
Cumbernauld Kirkintilloch (Landward) ...	M. M. Macdonald	233	1480	130	149	...	14	30	...	...
Old Kilpatrick (Burgh and Landward) ...	E. S. R. Stevenson	490	745	164	344	...	32	...	...	31
Dumbarton (except Notre Dame and West Bridgend Schools)	M. Gilmour	369	1065	83	333	1	3	...	...	42
New Kilpatrick Vale of Leven (Renton Public and St. Martin's)	C. Macnair	236	934	128	198	25	27	21	19	14
Vale of Leven (except Renton)	J. Scott	452	1231	207	337	22	12	53	...	48
Helensburgh Dumbarton (Notre Dame and West Bridgend Schools)	K. S. Stevenson	405	1672	100	326	...	...	5	3	71
Total ...		2366	7990	907	1813	48	135	117	22	206

## SECTION II.

## REVISED FORM OF REPORT FOR YEAR ENDING 31st JULY, 1942.

## (1) LIST OF STAFF.

(See page 5.)

## (2) GENERAL STATISTICS.

(See page 6.)

## (3) SANITARY CONDITION OF SCHOOLS.

(See page 7.)

## (4) ORGANISATION AND ADMINISTRATION.

(See Annual Report for 1939, pp. 50-55.)

## (5) FINDINGS OF MEDICAL INSPECTION.

**A.—General Review.**

During the session, 7,104 pupils were examined at routine inspections (Boys, 3,499 ; Girls, 3605). This shows an increase of 573. The increase is due to the re-opening of some of the Clydebank schools, and also to the return of evacuee children to Clydebank.

(1) *The Condition of Clothing* was satisfactory ; only four pupils were found with grossly insufficient clothing (0.1 per cent.). The repair of clothing was bad in 142 cases (1.9 per cent.), which is slightly less than the number in the previous year. Cleanliness was bad in 173 cases (1.8 per cent.), which also is a considerable increase on the previous year's figure. The explanation is probably that home supervision is less owing to mothers working at munitions. The difficulty of replacing clothing may also mean that clothes are being worn beyond the easily repairable stage.

(2) *Footgear* was only moderately good in 13 cases (0.2 per cent.), and was bad in 143 cases (2.0 per cent.). This last figure shows a definite worsening of the condition of footgear, probably due to the same conditions as mentioned under clothing.

(3) *Uncleanliness of Head and Body*, or both, including such conditions as nits or vermin was found in 734 cases (10.5 per cent.). The great majority of these pupils were girls with nits in the hair (701—19.4 per cent. of the girls examined). The girls mentioned include pupils with all degrees of infestation, from very slight to serious, and it is only fair to state that very many of them are in the former category. The numbers are about the same as in the previous year, and is still unsatisfactory. Perhaps the powers granted under the Scabies Order (Scotland), 1941, will help the authorities to deal drastically with the worst offenders, if the authorities are prepared to use the powers conferred on them.

(4) *Skin Diseases* were present in 374 cases (5.3 per cent.), of whom no fewer than 168 suffered from scabies (2.3 per cent.). In addition there were 569 non-routine cases of scabies, making a total of 737 cases, as compared with 311 last year—an increase of 426 cases.

The wide-spread prevalence of this very contagious and distressing condition led to the passing of the Scabies Order (Scotland), 1941, which gives the Medical Officer of Health, on receiving notice of the existence of scabies, power to call up the members of the household to which the patient belongs for examination, and to give them, if necessary, the opportunity for treatment. As there is no doubt that the epidemic has been kept going by the unexamined contacts at home and at work, this power should lead to a rapid reduction in the number of people suffering from this disease.

There was only one child with Ringworm found among routine cases examined (0.01 per cent.), and six among the non-routine cases : in all seven, the disease was on the body.

(5) *Defective Nutrition*.—During the session, 604 children (9.1 per cent.) were found to be below the average in nutrition, of whom 16 (0.3 per cent.) were classified as very bad. The number above the average was 667 (9.4 per cent.). These figures show a slight improvement on those of previous years, but not sufficient to be significant. As far as can be observed, the war-time restrictions on dietary have had no effect one way or another on the nutrition of school children.

The introduction of school meals came too late in the session, and was too limited in extent to have any effect on nutrition ; but it will be interesting in the immediate future to watch if there is any improvement in nutrition which could be fairly attributable to the school dinners.

(6) *Mouth and Teeth*.—The number of children found with no teeth decayed was 4,093 (57.6 per cent.), with fewer than five teeth decayed was 2,035 (28.7 per cent.), and with more than five teeth decayed was 976 (13.7 per cent.). The number suffering from oral sepsis was 155 (2.2 per cent.).

The position in regard to teeth shows a slight improvement on last session. It is still too soon to determine whether this may be due to some extent to the restriction in the use of sugar. The worst conditions of teeth are found amongst the infants and younger children, and decay of the six-year-old molar teeth is far too often noted. Even after years of dental inspection and treatment it is still too obvious that the public, as well as the parental, conscience has not been awakened to this real danger to the health of the rising generation.

#### (7) *Nose, Throat and Lymphatic Glands*.—

(a) *Nose*.—The number of children suffering from defective conditions of the nose was 378 (5.3 per cent.). Of these 92 (1.3 per cent.) suffered from nasal catarrh, usually chronic. These were referred to the Throat and Nose Specialist for further examination, and were afterwards put on treatment recommended by him. Some of these cases seem to resist all forms of treatment.

246 children (3.5 per cent.) were found to have nasal obstruction, which on examination by the Throat and Nose Specialist was found to be due to adenoids, and treated accordingly.

There were 40 (0.5 per cent.) other cases, some of which were nasal polypi or deflected septum.

Fifty-eight non-routine cases showed affections of the nose, 8 catarrh, 7 obstruction, and 43 others.

(b) (1) *Tonsils*.—Of the 7,104 routine cases examined 405 (5.7 per cent.) had tonsils sufficiently enlarged to require further observation, and 493 (6.9 per cent.) sufficiently enlarged to require removal. 953 (13.4 per cent.) children had had their tonsils removed.

Of the non-routine cases, 21 had tonsils requiring observation, and 130 tonsils requiring removal.

Pupils are not recommended for removal of tonsils merely because these are enlarged. There must be some indication that the tonsils are unhealthy, such as involvement of sub-maxillary glands, to justify such a course.

(b) (2) *Adenoids*.—The number of routine cases found to be suffering from adenoids was 59 (7.2 per cent.), and the number suspected of having adenoids and referred to the Ear, Nose and Throat Specialist for a decision was 257 (3.6 per cent.). There were 868 (12.2 per cent.) of routine cases who had had adenoids removed. There were also 8 non-routine cases with adenoids, and (50) who were suspected of having adenoids.

As in former years the medical officers called up for review those pupils who had had tonsils and/or adenoids removed a year previously. The results of this investigation are shown in a special table on page 38.

The number of such cases that have now been reviewed is 3,802. Of these, 77.4 per cent. are classified as satisfactory, 16.4 per cent. as moderately satisfactory, and 6.2 per cent. as unsatisfactory.

The number of cases who had adenoids only removed is now 656. Of these, 45.6 per cent. were classified as satisfactory, 34.6 per cent. as moderately satisfactory, and 19.8 per cent. as unsatisfactory.

In addition to this review of cases, the medical officers also noted in the course of their routine examinations, children who had had tonsils and adenoids, or adenoids only, removed several years before. The number noted since this examination was instituted is now 1,187, the average period between the time of operation and the time of examination is seven years, and the number classified as a satisfactory result was 1,093 (92.0 per cent.). The number of unsatisfactory results was 94 (8.0 per cent.).

(c) *Lymphatic Glands*.—The sub-maxillary glands were slightly enlarged in 66 routine cases (0.9 per cent.), and markedly enlarged in 195 routine cases (2.7 per cent.). The majority of markedly enlarged glands were associated with enlarged tonsils and/or adenoids, and when the throat condition was treated, the enlargement of the glands disappeared.

The cervical glands were slightly enlarged in one routine case (0.1 per cent.), and markedly in 4 routine cases (0.1 per cent.). The commonest cause of enlarged cervical glands was some scalp infection, such as impetigo, or the irritation caused by vermin or nits.

(8) *Eye Conditions*.—Of the 7,104 routine cases examined, 323 were found to be suffering from external eye disease, 4.5 per cent.). Of these, 209 (2.9 per cent.) had squint; 71 (1.0 per cent.) had blepharitis; 3 (0.1 per cent.) had conjunctivitis; 9 (0.1 per cent.) had corneal opacities; 31 (0.4 per cent.) had "other conditions."

As mentioned in previous reports, the treatment of squint by orthoptic methods appeals more to parents than did other methods, and it is now easier to get consent for treatment of squint than it was in former years.

There is no routine testing of the vision of pupils under seven years of age, but any child in this group who was suspected, either by parent or teacher, of having defective vision, was referred to Dr. Tennent for further examination.

Of the 4,721 routine cases who had their vision tested, 222 (4.7 per cent.) were classified as "Fair Vision," and 160 (3.4 per cent.) as having bad vision. In addition, 167 (3.5 per cent.) were found to have bad vision in one eye only. There were 96 cases with bad vision; none were noted as having bad vision in one eye only.

Pupils with bad vision were referred to Dr. Tennent, as were also a number of children whose vision appeared to be normal, but who suffered from headaches suspected to be of ocular origin.

(9) *Ear Conditions*.—Of the 7,104 routine cases examined, 93 (1.3 per cent.) had ear conditions requiring treatment. Otorrhoea was present in 57 cases (0.8 per cent.); 23 (0.3 per cent.) had wax in the ears sufficient to cause discomfort or some degree of deafness. Other conditions, chiefly furunculosis, were present in 13 cases (0.2 per cent.). There were also 31 non-routine cases of otorrhoea, 14 cases of wax, and 23 "other conditions."

The hearing of pupils in the second, third and fourth age-groups was systematically examined.

Of the 4,721 cases so examined, 58 (0.8 per cent.) were classified as slightly deaf (Grade I); and 27 (0.4 per cent.) as very deaf (Grade II).

There were also 6 non-routine cases slightly deaf, and 8 non-routine cases who were very deaf. These figures do not include pupils in the deaf-mute classes.

(10) *Defective Speech* was present in 72 routine cases examined, and in one non-routine case. Of this number, 40 (0.6 per cent.) had defective articulation, and 32 (0.4 per cent.) were stammerers.

During the session Miss Kenny widened the scope of her treatment of children with defective speech to include Dumbarton, and Vale of Leven. The number of children treated was 211, of whom 30 were discharged as cured, 69 left with treatment incomplete, and 112 were retained.

### Procedure.

(1) Treatment is given in schools.

(2) Cases are treated individually or in small groups, according to type and/or severity of defect. In certain cases group and individual treatments alternate.

(3) As far as is possible each case is treated at least once a fortnight, the more urgent, once a week.

(4) A treatment-session averages 20 minutes.

(5) In every instance co-operation with Head Teacher and teaching staff has proved invaluable.

(6) In many cases Head Teachers have arranged interviews between parent and Therapist.

(7) Cases are frequently referred to School Medical Officers, Dentist and Psychology Staff for medical, surgical, orthodontic or psycho-therapeutic treatment. Such treatment has greatly aided speech treatment and shortened its duration.

(11) *Mental and Nervous Conditions*.—Of the 7,104 routine cases examined, 23 (0.3 per cent.) were found to be suffering from diseases of the nervous system. Of these, 2 (0.1 per cent.) had epilepsy, 6 (0.1 per cent.) had chorea, 9 (0.1 per cent.) had infantile paralysis, and 6 (0.1 per cent.) showed evidence of other conditions. Among the non-routine cases, there were 3 pupils with epilepsy, 3 with chorea, and 5 with infantile paralysis.

Table 7.—Q.—Showing the number of Backward and Mentally Deficient children is of no value whatever, as the medical officers have no means of knowing which children are backward until the question of the child's mental condition comes up for decision.

The number of routine cases returned as backward was 29 (0.4 per cent.) ; and as mentally defective, 13 (0.2 per cent.). No non-routine cases were classified under either of these headings.

These figures do not include children in the special schools.

(12) *Heart Conditions*.—Of the 7,104 routine cases examined, 76 (1.1 per cent.) were found to have either organic or functional heart disease. Of these, 62 (0.9 per cent.) had organic disease (14 congenital, 48 acquired), while 14 cases (0.2 per cent.) had a functional condition. There were also 16 non-routine cases of organic heart disease, two congenital and four acquired ; and 1 non-routine case with functional defect.

It has not been found possible during the present session to continue the " following-up " and regular re-examination of cases showing evidence of heart weakness.

(13) *Lung Conditions*.—There were 175 cases of lung disease (2.4 per cent.) among the routine cases examined. Of these, 122 (1.7 per cent.) had bronchial catarrh ; 37 (0.5 per cent.) had bronchitis ; and 16 (0.2 per cent.) had asthma. Among the non-routine cases, 14 had bronchial catarrh, 16 had bronchitis, and 7 had asthma.

There is the closest co-operation between the School Medical Officers and the Tuberculosis Officers, and all cases where there is the slightest suspicion of tuberculosis are referred to the Tuberculosis Officers for an opinion.

(14) *Deformities*.—Deformities were present in 184 cases, only one (0·1 per cent.) being due to rickets. Of the remainder, 12 (0·2 per cent.) were congenital conditions, and 171 (2·3 per cent.) were acquired. There were also 30 non-routine cases, of which 2 were congenital. The acquired cases consisted of postural deformities such as kyphosis, scoliosis, flat foot, and conditions following infantile paralysis. Suitable cases were referred to the Orthopaedic Staff for treatment, and further particulars will be found on page 36.

(15) *Infectious Diseases*.—Among the routine cases examined, 4 were found to be suffering from infectious disease, 3 mumps, and 1 chickenpox. There were twenty-seven cases of infectious disease among the non-routine cases (Diphtheria, 1 ; Whooping-cough, 1 ; Mumps, 11 ; and Chickenpox 14).

(16) *Other Diseases and Defects*.—These were noted in 272 routine cases examined, of which 10 (0·1 per cent.) had hernia, and 262 (3·6 per cent.) with other diseases. Two cases showed evidence of non-pulmonary tuberculosis. There were 276 non-routine cases with other diseases, of whom 2 had hernia. One non-routine case had abdominal tuberculosis.

#### (6) MEDICAL TREATMENT.

The details in connection with the following sub-headings will be found in the body of the report on the pages indicated against each item. It is quite impossible to ascertain accurately how many children in these groups received treatment privately or through a voluntary hospital under arrangement made by parents.

**A.—Minor Ailments** :—(1), (2), (3) and (4). See "Treatment of Minor Ailments" on page 39.

**B.—Defective Vision and Squint** :—See tables "Ophthalmic Treatment of School Children," pages 42, 43, also "Report on Orthoptic Treatment" on page 44.

**C.—Nose and Throat (Operative Treatment)** :—See Table "Throat, Nose and Ear Clinics" on page 40.

#### (7) DENTAL TREATMENT.

The information required is contained in Table "Dental Treatment," page 41, and also in Table V "Dental Inspection and Treatment."

#### (8) SPECIAL SCHOOLS AND CLASSES.

Particulars regarding the facilities in use for exceptional children will be found on page 33 of this Report.

There were no holiday camps during the present session, but Cardross Park Home, which was opened in June, 1941, for accommodation of evacuee children requiring care while convalescing after illness, was brought into use. As the accommodation was not fully taken up by evacuee children, other children were sent. During the session, 24 Evacuee School Children and 71 others were admitted, and the results were excellent.

#### (9) ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

This subject is referred to on page 34.

# (10) OTHER ACTIVITIES IN RELATION TO THE HEALTH OF SCHOOL CHILDREN.

On page 34 and succeeding pages are recorded particulars regarding the Feeding of School Children under the Local Authority Schemes, Employment of School Children and the Admission of Children to Approved Schools, in so far as these affect the work of the School Medical Officers.

For some years the School Medical Officers have been investigating the results of the removal of tonsils and/or adenoids, as shown at about a year after the operation, and the cumulative findings of these enquiries are embodied in the table printed on page 38.

For the fourth session in succession this enquiry has been extended to children who had been operated on at varying periods up to ten years previously, and the data will be found on page 37.

## (5) FINDINGS OF MEDICAL INSPECTION.

### B.—Statistical Tables.

TABLE I.

Total number of children examined at :—

				(a) Systematic Examinations.	Other Systematic Examinations.
Ordinary Schools	Entrants ... ..	...	...	2383	—
	Second Age Group	...	...	2297	—
	Third Age Group	...	...	2228	—
	Fourth Age Group	...	...	—	—
Secondary Schools Age Group				196	—
Total				7104	Nil

				(b) Other Examinations.
Special Cases				2266
Re-inspections by Medical Officer				7940
Total				10206

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanliness and dental caries).

Entrants	...	...	1370
Second Age-Group	...	...	1173
Third Age-Group	...	...	754
Fourth Age-Group	...	...	—
Secondary Age-Group	...	...	69
Other Systematic Examinations			—
Total	...		3366

Table II.—See page 53.

Table III.—See page 54a.

**Table IV.—Return of All Exceptional Children of School Age in the Area.**

It has not been found possible to give the details required by this table with sufficient accuracy, and the table is therefore omitted.

**TABLE V.—DENTAL INSPECTION AND TREATMENT.**

(I) Inspected by the Dental Officers.

Age.	(a) Systematic Examinations.	(b) Special or Emergency Cases.	Total.
5	1481	170	1651
6	1515	165	1680
7	1608	169	1777
8	1320	126	1446
9	1473	152	1625
10	1248	154	1402
11	1412	154	1566
12	453	103	556
13	907	134	1041
14	92	20	112
15	44	12	56
16	6	3	9
17	2	—	2
Totals ...	<u>11,561</u>	<u>1362</u>	<u>12,923</u>

	Systematic Examinations.	Special or Emergency Cases.
(2) Found to require treatment ...	7932	1362
(3) Actually treated by School Dental Officers	5011	1362
(4) Number of Attendances made by children for treatment ...	9965	1639
(5) Fillings* (a) Permanent Teeth ...	3046	248
(b) Temporary Teeth ...	120	17
(6) Extractions (a) Permanent Teeth ...	1704	649
(b) Temporary Teeth ...	6058	2266
(7) Number of Administrations of a general anaesthetic or extractions ...	988	—
(8) Other operations* (a) Permanent Teeth ...	2724	476
(b) Temporary Teeth ...	211	76
(9) Half-days devoted to (a) Inspection ...	146	—
(b) Treatment ...	1218	305
(10) Children treated under private arrangements ...	(No accurate information available).	

\*Temporary fillings whether in permanent or temporary teeth should be recorded as "other operations."

TABLE III.—SYSTEMATIC MEDICAL EXAMINATIONS.

Classification.	Entrants.		Second Age-Group.		Third Age-Group.		Fourth Age-Group.		Total	
	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.
I.—Children free from Defects	1353	56.8	1361	59.2	1393	62.5	121	61.7	4228	59.5
II.—Children (otherwise free from defects) who suffer from :—										
(a) Defective Vision not worse than 6/12 in the better eye with or without glasses.	20	0.8	74	3.3	80	3.6	10	5.1	184	2.6
(b) Conditions of the Mouth and Teeth requiring treatment	237	9.9	222	9.6	271	12.1	19	9.7	749	10.6
(c) Both (a) and (b) ...	2	0.1	18	0.8	39	1.8	8	4.1	67	0.9
Total ...	259	10.8	314	13.7	390	17.5	37	18.9	1000	14.1
III.—Children suffering from Ailments (other than those mentioned in II.) from which complete recovery is expected within a few weeks ...	671	28.2	489	21.3	284	12.8	15	7.7	1459	20.5
IV.—Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II. and III., distinguishing cases :—										
(a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible ...	77	3.3	100	4.4	110	4.9	21	10.7	308	4.4
(b) Where improvement only is considered possible, e.g., without complete restoration of function ...	23	0.9	33	1.4	51	2.3	2	1.0	109	1.5
Total ...	100	4.2	133	5.8	161	7.2	23	11.7	417	5.9
Total Number of Children Examined ...	2383	100%	2297	100%	2228	100%	196	100%	7104	100%



Return of Number and Percentage of Individual Children in each Age-Group suffering from Particular Defects.

Total Examined at all Ages—7104.																					
Total examined in each age group—by sexes.	Entrants.				Second Age-Group.				Third Age-Group.				Secondary Age-Group.				All Ages.				
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
Number showing defects.	1170		1213		1123		1174		1104		1124		102		94		3499		3605		
Nature of Defect.	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
1. Clothing Unsatisfactory ...	39	3.5	39	3.2	50	...	39	...	22	...	19	...	...	...	...	...	111	...	97	...	
2. Footgear Unsatisfactory ...	19	1.6	17	1.4	31	...	28	...	18	...	5	...	...	...	...	...	68	...	50	...	
3. Uncleanliness (Head, Body, or both) ...	36	3.1	228	18.8	41	...	293	...	23	...	180	...	1	...	...	...	101	...	701	...	
4. Skin (Head and/or Body)	71	6.1	81	6.7	67	...	59	...	48	...	41	...	4	...	4	...	190	...	185	...	
5. Defective Nutrition ...	110	9.4	135	11.1	104	...	120	...	73	...	42	...	4	...	4	...	291	...	301	...	
6. Mouth and Teeth Unhealthy...	559	47.7	561	47.1	524	...	512	...	399	...	403	...	29	...	26	...	1511	...	1502	...	
7. Nose, Throat and/or Glands	229	11.0	259	...	126	...	172	...	50	...	93	...	1	...	3	...	406	...	527	...	
8. Eye Conditions ...	64	5.5	63	...	89	...	88	...	69	...	112	...	14	...	17	...	236	...	280	...	
9. Ear Conditions ...	17	1.5	25	...	14	...	9	...	14	...	14	...	...	...	...	...	45	...	48	...	
10. Defective Speech ...	21	1.8	12	...	18	...	7	...	7	...	1	...	2	...	...	...	48	...	20	...	
11. Mental and Nervous Conditions	9	0.8	10	...	23	...	11	...	10	...	7	...	1	...	...	...	43	...	28	...	
12. Heart Conditions ...	14	1.2	11	...	7	...	16	...	11	...	18	...	2	...	...	...	34	...	45	...	
13. Lung Conditions ...	47	4.0	43	...	36	...	27	...	15	...	7	...	2	...	1	...	100	...	78	...	
14. Deformities ...	23	2.0	13	...	36	...	53	...	30	...	23	...	5	...	2	...	94	...	91	...	
15. Infectious Diseases ...	2	0.2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2	...	2	...	
16. Other Diseases or Defects ...	50	4.3	61	...	40	...	49	...	22	...	47	...	1	...	2	...	113	...	159	...	

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COUNTY COUNCIL OF DUNBARTON.

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# Thirty-second Annual Report

on the

MEDICAL INSPECTION OF  
SCHOOL CHILDREN.

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1942-1943.

(Year ending 31st July, 1943).

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KIRKINTILLOCH

PRINTED BY D. MACLEOD, LTD,



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County Council of Dunbarton.

## SCHOOL MEDICAL STAFF.

### Supervising School Medical Officer.

T. LAUDER THOMSON, M.D., D.P.H.

### School Medical Officers.

MILDRED M. L. CATHELS, M.B., D.P.H.

ANDREW D. COWAN, M.B., D.P.H.

CHARLES C. SLORACH, M.B., D.P.H. (part-time)

### Dental Surgeons.

ELIZABETH McKENDRICK, L.D.S.

VERA PUGH, L.D.S.

JOHN H. N. MACDONALD, L.D.S.

FELIX A. CASSIDY, L.D.S.

### Ophthalmic Surgeon.

JAMES N. TENNENT, M.B., D.O.M.S., B.Sc. (part-time).

### Ear, Nose and Throat Specialist.

J. FULTON CHRISTIE, M.B., Ch.B., F.R.F.P.S. (part-time).

### Nurse in Charge, Orthopaedic Clinics.

MORAG GALLOWAY.

### Instructresses at Orthopaedic Clinics (part-time).

M. JOCKEL. J. S. HOWATT.

### Orthoptist (part-time).

M. W. MARSH.

(Resigned June, 1943)

### Inspection and Clinic Nurses.

C. M. JEFFREY.

M. GILMOUR.

E. S. R. STEVENSON.

J. SCOTT.

K. STEVENSON.

M. MacDONALD.

C. MACNAIR.

M. C. COWPER.

### Nurses for Special Schools.

J. MacDONALD.

C. ROGERS.

### Dental Attendants.

ANNIE J. RAE.

WILLIAM BENNIE.

JAMES GALLACHER.

(On Active Service).

ANNIE BLACK.

ELIZABETH MARTIN (Mrs. Sneddon).

### Attendant at Orthopaedic Clinics.

ELIZABETH ROLLO.

### Clerks.

GEORGE S. BROWNE.

BELLA J. N. AIRTH.

# REPORT

on the

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN  
THE COUNTY OF DUNBARTON.

## 1.—List of Staff.

See Page 5.

## 2.—(a) Number of Schools.

### School Management Area.

Cumbernauld	...	...	...	...	...	...	...	4
Kirkintilloch	...	...	...	...	...	...	...	6
New Kilpatrick	...	...	...	...	...	...	...	4
Old Kilpatrick	...	...	...	...	...	...	...	10
Dumbarton	...	...	...	...	...	...	...	9
Vale of Leven	...	...	...	...	...	...	...	12
Helensburgh ...	...	...	...	...	...	...	...	13
Total	...	...	...	...	...	...	...	58

## (b) Number of Children on Register and in Average Attendance during Session 1942-43.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld ... ..	883.1	Reliable detailed	...
Kirkintilloch .. ..	3,379.0	figures are not	...
New Kilpatrick ... ..	1,842.3	available on	...
Old Kilpatrick ... ..	4,906.6	account of the	...
Dumbarton ... ..	4,445.4	emergency	...
Vale of Leven ... ..	3,324.9	conditions	...
Helensburgh ... ..	1,908.0	prevailing.	...
Total ... ..	20,692.3	...	...

### 3.—Number of Visits for Systematic Examinations.

**Note.**—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above ... .. 375

### 4.—Number of Special Visits by Medical Officers.

For re-examination of defective children ... ..	17
For examination of backward, or mentally, or physically defective children ... ..	35
Attendances at Clinics ... ..	354
Attendance for Office Work, etc. ... ..	73
For inquiry regarding infectious diseases ... ..	0
Others ... ..	24
Total ...	503

### 5.—Sanitary Condition of Schools.

The maintenance of the schools in the County is undertaken by the County Architect's Department, and every effort is made to keep the high standard of pre-war cleanliness and comfort.

### 6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-operation with Public Health Departments.

Full particulars regarding these matters are included in Section 4 of the revised report, page 50 of the Annual Report 1938-39.

#### 6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No of Parents Present at Non-Routine Examinations.
Cumbernauld ...	236	94	39.8	6
Kirkintilloch ...	932	392	42.0	148
New Kilpatrick	416	185	44.5	2
Old Kilpatrick	1367	657	48.0	136
Dumbarton ...	1228	473	38.5	300
Vale of Leven	827	456	55.1	195
Helensburgh ...	571	268	46.9	125
Total ...	5577	2525	45.2	912

# 7.—THE PHYSICAL CONDITION OF THE SCHOOL CHILDREN

A.—Total Number of Children Examined.

ROUTINE CASES.																				
SCHOOL MANAGEMENT AREA	Entrants			Age 8			Age 14			Age 16			Total			Non Routine				
	Aver. age	Boys	Girls	Total	Aver. age	Boys	Girls	Total	Aver. age	Boys	Girls	Total	Boys	Girls	Total					
Cumbernauld	5 <sup>4</sup> / <sub>12</sub>	52	50	102	8 <sup>10</sup> / <sub>12</sub>	50	51	101	13 <sup>1</sup> / <sub>12</sub>	18	15	33	...	120	116	236	24			
Kirkintilloch	5 <sup>10</sup> / <sub>12</sub>	195	138	333	8 <sup>10</sup> / <sub>12</sub>	110	87	197	13 <sup>5</sup> / <sub>12</sub>	194	177	371	16 <sup>2</sup> / <sub>12</sub>	22	9	31	521	411	932	476
New Kilpatrick	5 <sup>10</sup> / <sub>12</sub>	100	90	190	8 <sup>8</sup> / <sub>12</sub>	35	31	66	13 <sup>1</sup> / <sub>12</sub>	61	64	125	16 <sup>10</sup> / <sub>12</sub>	21	14	35	217	199	416	26
Old Kilpatrick	5 <sup>10</sup> / <sub>12</sub>	249	255	504	8 <sup>0</sup> / <sub>12</sub>	229	229	458	13 <sup>10</sup> / <sub>12</sub>	228	177	405	...	706	661	1367	328			
Dumbarton ...	5 <sup>1</sup> / <sub>12</sub>	152	157	309	9 <sup>6</sup> / <sub>12</sub>	173	168	341	13 <sup>1</sup> / <sub>12</sub>	262	261	523	16 <sup>4</sup> / <sub>12</sub>	29	26	55	616	612	1228	603
Vale of Leven	5 <sup>10</sup> / <sub>12</sub>	129	122	251	8 <sup>10</sup> / <sub>12</sub>	167	149	316	13 <sup>1</sup> / <sub>12</sub>	136	111	247	16 <sup>10</sup> / <sub>12</sub>	6	7	13	438	389	827	229
Helensburgh ...	5 <sup>8</sup> / <sub>12</sub>	96	91	187	8 <sup>1</sup> / <sub>12</sub>	93	93	186	13 <sup>10</sup> / <sub>12</sub>	81	100	181	16 <sup>10</sup> / <sub>12</sub>	10	7	17	280	291	571	142
Total ...	5 <sup>6</sup> / <sub>12</sub>	973	903	1876	8 <sup>10</sup> / <sub>12</sub>	857	808	1665	13 <sup>10</sup> / <sub>12</sub>	980	905	1885	16 <sup>1</sup> / <sub>12</sub>	88	63	151	2898	2679	5577	1828

7.—B. Number of Children notified to Parents as suffering from Defects.

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School Management Area		Cumbernauld			Kirkintilloch			New Kilpatrick			Old Kilpatrick			Dumbarton			Vale of Leven			Helensburgh			Total		
Number of Routine Cases Examined		236			932			416			1367			1228			827			571			5577		
Card	Defect	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
A.	Vermin or Nits on Head ...	6	2.5	...	29	3.1	1	2	0.5	1	89	6.5	2	181	14.7	8	95	11.5	1	42	7.3	1	444	7.9	14
G.	Vermin on Clothing ...	1	0.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	...
J.	Unsatisfactory Footgear ...	...	...	...	1	0.1	...	...	...	...	5	0.3	...	12	0.9	...	10	1.2	...	5	0.8	...	33	0.5	...
K.	Unsatisfactory Clothing ...	...	...	1	2	0.2	...	...	...	...	20	1.4	...	7	0.5	...	16	2.1	...	12	2.1	...	59	1.0	1
D.	Tonsils and Adenoids ...	3	1.3	1	25	2.6	19	9	2.1	8	66	4.8	21	80	6.5	12	54	6.5	20	43	7.4	26	280	5.0	107
E.	Ear Disease ...	3	1.3	1	14	1.5	10	2	0.5	...	26	1.9	17	14	1.1	25	11	1.3	5	11	1.9	...	81	1.4	58
H.	Defective Vision and Eye Disease	10	4.2	3	41	4.4	22	11	2.6	5	61	4.4	16	79	6.4	28	32	3.8	15	21	3.6	8	255	4.5	97
U.M.F.	Already under Treatment ...	7	2.9	7	26	2.8	1	2	0.5	2	26	1.9	5	...	...	...	3	0.3	...	16	2.8	...	80	1.4	15
	For Orthopaedic or Ultra-Violet Light Treatment ...	...	...	...	22	2.3	...	2	0.5	...	23	1.6	...	15	1.2	...	8	0.9	...	3	0.5	...	73	1.3	...
P.A.	Parents Advised ...	94	39.8	6	392	42.0	148	185	44.5	2	537	48.0	136	473	38.5	300	456	55.1	195	268	46.9	125	2525	45.2	912



School Management Area		SUFFICIENCY			REPAIR			CLEANLINESS		
		Good			Medium			Good		
		No.	%	No.	No.	%	No.	No.	%	No.
No. of Routine cases examined		Good			Medium			Good		
		No.	%	No.	No.	%	No.	No.	%	No.
		Bad			Bad			Bad		
		No.	%	No.	No.	%	No.	No.	%	No.
		Non-Routine			Non-Routine			Non-Routine		
		No.	%	No.	No.	%	No.	No.	%	No.
Cumbernauld	Boys	120	100-0	...	...	...	120	100-0	...	...
	Girls	116	100-0	...	...	...	116	99-2	...	...
	Total	236	100-0	...	...	...	236	99-6	...	1
Kirkintilloch	Boys	521	100-0	...	...	...	517	99-2	...	...
	Girls	411	100-0	...	...	...	411	100-0	...	...
	Total	932	100-0	...	...	...	928	99-6	...	...
New Kilpatrick	Boys	217	100-0	...	...	...	217	100-0	...	...
	Girls	199	100-0	...	...	...	199	100-0	...	...
	Total	416	100-0	...	...	...	416	100-0	...	...
Old Kilpatrick	Boys	706	100-0	...	...	...	696	98-6	...	...
	Girls	661	100-0	...	...	...	651	98-5	...	...
	Total	1367	100-0	...	...	...	1347	98-6	...	...
Dumbarton	Boys	616	99-9	...	...	...	615	99-8	...	...
	Girls	612	100-0	...	...	...	612	100-0	...	...
	Total	1228	99-9	...	...	...	1227	99-9	...	...
Vale of Leven	Boys	438	100-0	...	...	...	410	93-7	...	...
	Girls	389	100-0	...	...	...	360	92-6	...	...
	Total	827	100-0	...	...	...	770	93-3	...	...
Helensburgh	Boys	280	100-0	...	...	...	275	98-2	...	...
	Girls	291	100-0	...	...	...	282	96-9	...	...
	Total	571	100-0	...	...	...	557	97-5	...	...
Total	Boys	2898	99-9	...	...	...	2850	98-3	...	...
	Girls	2679	100-0	...	...	...	2631	98-2	...	...
	Total	5577	99-9	...	...	...	5481	98-3	...	...

## 7.—E. FOOTGEAR.

School Management Area	Number Examined.	ROUTINE CASES								NON-ROUTINE	
		Good		Medium		Bad		None		Bad	None
		No.	%	No.	%	No.	%	No.	%		
Cumbernauld	Boys	120	99.2	...	...	1	0.8	...	...	...	...
	Girls	116	100.0	...	...	...	...	...	...	...	...
	Total	236	99.6	...	...	1	0.4	...	...	...	...
Kirkintilloch	Boys	521	99.6	...	...	1	0.2	1	0.2	...	...
	Girls	411	100.0	...	...	...	...	...	...	...	...
	Total	932	99.8	...	...	1	0.1	1	0.1	...	...
New Kilpatrick	Boys	217	100.0	...	...	...	...	...	...	...	...
	Girls	199	100.0	...	...	...	...	...	...	...	...
	Total	416	100.0	...	...	...	...	...	...	...	...
Old Kilpatrick	Boys	706	99.6	1	0.1	2	0.3	...	...	...	...
	Girls	661	99.4	...	...	4	0.6	...	...	...	...
	Total	1367	99.5	1	0.1	6	0.4	...	...	...	...
Dumbarton	Boys	616	99.3	...	...	3	0.5	1	0.2	...	...
	Girls	612	100.0	...	...	...	...	...	...	...	...
	Total	1228	99.7	...	...	3	0.2	1	0.1	...	...
Vale of Leven	Boys	438	96.1	3	0.7	11	2.4	...	...	...	...
	Girls	389	97.4	10	2.6	...	...	...	...	...	...
	Total	827	97.1	13	1.6	11	1.3	...	...	...	...
Helensburgh	Boys	280	98.9	...	...	3	1.1	...	...	...	...
	Girls	291	99.3	...	...	2	0.7	...	...	...	...
	Total	571	99.2	...	...	5	0.8	...	...	...	...
Total ...	Boys	2898	99.1	4	0.1	21	0.7	2	0.1	...	...
	Girls	2679	99.4	10	0.4	6	0.2	...	...	...	...
	Total	5577	99.3	14	0.2	27	0.4	2	0.1	...	...

# 7.—F. Average Heights and Weights in Inches and Pounds.

11A

School Management Area	BOYS																GIRLS															
	Entrants				Age 8				Age 14				Age 16				Entrants				Age 8				Age 14				Age 16			
	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight
Cumbernauld...	52	5½	41·4	40·5	50	8½	48·8	56·5	18	13½	58·4	88·5	...	...	...	...	50	5½	41·6	40·7	51	8½	49·1	56·6	15	13½	60·1	102·3	...	...	...	...
Kirkintilloch ...	195	5½	42·1	42·0	110	8½	49·4	58·1	194	13½	58·7	85·6	22	16½	67·1	125·5	138	5½	42·0	41·5	87	8½	48·9	55·4	177	13½	59·6	91·5	9	16¾	63·6	129·4
New Kilpatrick	100	5½	43·5	44·3	25	8½	50·7	59·5	61	13½	60·6	90·9	21	16½	70·2	128·1	90	5½	42·7	42·7	31	8½	49·2	56·6	64	13½	61·0	100·3	14	16½	64·1	122·1
Old Kilpatrick	249	5½	42·8	42·4	229	8½	49·5	57·2	228	13½	58·8	90·1	...	...	...	...	255	5½	42·5	41·7	229	8½	48·8	54·8	177	13½	58·0	95·4	...	...	...	...
Dumbarton ...	152	5½	43·0	41·9	173	9½	50·8	58·9	262	13½	58·5	82·3	29	16½	66·0	128·1	157	5½	42·6	40·4	168	9½	50·9	58·1	261	13½	59·2	91·2	26	16½	62·4	112·4
Vale of Leven	129	5½	42·1	40·9	167	8½	50·1	57·3	136	13½	58·8	86·0	6	16½	68·0	122·2	122	5½	41·9	39·9	149	8½	48·8	54·6	111	13½	59·1	91·9	7	16	62·3	111·5
Helensburgh ...	96	5½	43·6	41·8	93	8½	49·8	56·6	81	13½	59·6	89·8	10	16½	65·5	124·3	91	5½	43·2	42·3	93	8½	50·0	56·6	100	13½	59·4	94·4	7	16½	62·4	112·4
Total ...	973	5½	42·6	41·9	857	8½	49·9	57·7	980	13½	59·1	87·6	88	16½	67·4	122·4	903	5½	42·4	41·3	608	8½	49·4	56·1	905	13½	58·0	95·3	63	16½	63·0	117·5
*County Average Years 1919-20 to 1939-40	25,523	5½	42·4	41·4	23,630	8½	48·9	55·5	...	...	...	...	1932	16½	65·1	122·2	25,140	5½	42·0	40·1	23,227	8½	48·6	53·6	...	...	...	...	1661	16½	62·6	113·5
County Average Years 1935-36 to 1939-40	5,582	5½	42·6	42·0	5,616	8½	49·5	56·8	...	...	...	...	548	16½	65·7	125·4	5,616	5½	42·4	40·7	5,472	8½	49·1	55·1	...	...	...	...	429	16½	62·9	115·2
Anthropometric Standard ...	...	...	41·0	39·9	...	...	47·0	54·9	...	...	...	...	...	...	64·3	119·0	...	...	40·8	39·6	...	...	46·5	52·1	...	...	...	...	...	...	61·7	113·1

\*It was felt that the Anthropometric Standard was not satisfactory, as it was based on an insufficient number of observations.  
A County of Dunbarton Standard has therefore been arrived at by combining and averaging the figures in previous Annual Reports for a number of years back.





7.—G. CLEANLINESS OF HEAD AND BODY.  
(b) Cleanliness.

SCHOOL MANAGEMENT AREA	No. of Rou- tine Cases exam- ined	ROUTINE CASES.												NON- ROUTINE	
		Head						Body						Head	Body
		Good		Medium		Bad		Good		Medium		Bad			
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
Cumbernauld	Boys	120	97.5	3	2.5	...	...	112	93.6	7	5.8	1	0.8	...	...
	Girls	116	97.4	3	2.6	...	...	112	96.6	4	3.4	...	...	...	...
	Total	236	97.5	6	2.5	...	...	224	95.0	11	4.6	1	0.4	...	...
Kirkintilloch	Boys	521	98.1	9	1.7	1	0.2	497	95.4	20	3.8	4	0.8	...	...
	Girls	411	98.8	5	1.2	...	...	402	97.7	9	2.3	...	...	...	...
	Total	932	98.4	14	1.5	1	0.1	899	96.4	29	3.1	4	0.4	...	1
New Kilpatrick	Boys	217	100.0	...	...	...	...	217	100.0	...	...	...	...	...	...
	Girls	199	99.5	1	0.5	...	...	198	99.5	1	0.5	...	...	...	...
	Total	416	99.8	1	0.2	...	...	415	99.8	1	0.2	...	...	...	...
Old Kilpatrick	Boys	706	98.6	6	0.8	4	0.6	676	95.8	22	3.1	8	1.1	...	...
	Girls	661	98.4	7	1.0	4	0.6	652	98.7	6	0.9	3	0.4	...	...
	Total	1367	98.5	13	0.9	8	0.6	1328	97.2	28	2.0	11	0.8	...	...
Dumbarton	Boys	616	99.8	1	0.2	...	...	604	98.1	2	0.3	10	1.6	...	...
	Girls	612	99.7	...	...	2	0.3	597	97.5	1	0.2	14	2.3	...	...
	Total	1228	99.7	1	0.1	2	0.2	1201	97.9	3	0.2	24	1.9	...	...
Vale of Leven	Boys	438	98.5	2	0.4	5	1.1	425	97.2	2	0.4	11	2.4	...	...
	Girls	389	99.3	2	0.5	1	0.2	383	98.5	1	0.2	5	1.3	...	...
	Total	827	98.4	4	0.9	6	0.7	808	97.7	3	0.4	16	1.9	...	...
Helensburgh	Boys	280	100.0	...	...	...	...	276	98.6	...	...	4	1.4	...	...
	Girls	291	100.0	...	...	...	...	289	99.3	...	...	2	0.7	...	...
	Total	571	100.0	...	...	...	...	565	99.0	...	...	6	1.0	...	...
Total	Boys	2898	99.0	21	0.7	10	0.3	2807	96.9	53	1.8	38	1.3	...	...
	Girls	2679	99.0	18	0.7	7	0.3	2633	98.4	22	0.8	24	0.8	...	...

### 7.—H. Condition of Skin.

13A

School Management Area	Number of Routine Cases Examined	ECZEMA				RINGWORM				IMPETIGO				SORES				SCABIES				ALOPECIA				PSORIASIS				OTHERS				TOTAL										
		Routine		Non-Routine		Routine		Non-Routine		Routine		Non-Routine		Routine		Non-Routine		Routine		Non-Routine		Routine		Non-Routine		Routine		Non-Routine		Routine		Non-Routine												
		Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Head		Body										
		No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%	No.	%	No.	%	No.	%			
		No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%			No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
Cumbernauld	236	...	...	1	0.4	...	...	...	...	...	...	...	1	0.4	...	...	2	...	...	2	0.8	...	1	2	0.8	6	...	...	...	...	...	...	1	0.4	5	2.1	2	7						
Kirkintilloch	932	...	...	7	0.7	...	3	...	...	...	...	2	8	0.8	...	73	...	...	7	0.7	...	57	19	1.9	53	1	0.1	2	1	0.1	2	...	...	4	0.4	...	5	9	0.9	38	4.0	75	122	
New Kilpatrick	416	...	...	...	...	...	...	...	...	...	...	2	0.5	...	...	...	...	1	0.2	...	...	4	1.0	1	...	...	...	...	...	...	...	4	1.0	...	...	2	0.5	9	2.1	...	1			
Old Kilpatrick	1367	...	...	...	...	...	3	...	...	...	11	0.8	...	...	22	...	...	12	0.8	...	9	40	2.9	101	1	0.1	...	1	0.1	...	...	...	12	0.8	...	4	12	0.8	65	4.6	25	114		
Dumbarton	1228	...	...	11	0.9	...	8	...	...	1	0.1	...	3	5	0.4	...	42	...	...	4	0.3	...	38	27	2.1	60	2	0.2	...	...	...	...	...	67	5.3	...	109	7	0.6	110	8.8	42	218	
Vale of Leven	827	...	...	4	0.5	...	1	...	...	...	...	...	...	...	...	7	...	...	6	0.7	...	9	14	1.7	32	1	0.1	...	...	...	1	0.1	...	...	7	0.8	...	12	1	0.1	32	3.8	7	54
Helensburgh	571	...	...	3	0.5	...	...	...	...	...	...	1	3	0.5	...	2	...	...	5	0.8	...	9	16	1.7	19	...	...	...	...	...	1	0.2	...	...	13	2.2	...	7	3	0.5	38	6.6	2	36
Total	5577	...	...	26	0.4	...	12	...	...	1	0.1	3	30	0.5	...	148	...	...	...	37	0.6	...	123	122	2.2	272	5	0.1	2	4	0.1	2	...	...	107	1.8	...	137	35	0.6	297	5.3	153	552



The following table shows at a glance a summary of the previous table 67.—G (a) ], i.e., children in each area showing evidence of verminous condition of the head, or body, or both.

School Management Area	Number of Routine Cases Examined	Number showing evidence of Vermin	Percentage
Cumbernauld ... ..	236	7	2.9
Kirkintilloch ... ..	932	29	3.1
New Kilpatrick ... ..	416	2	0.4
Old Kilpatrick ... ..	1367	89	6.5
Dumbarton ... ..	1228	181	14.7
Vale of Leven ... ..	827	95	11.5
Helensburgh ... ..	571	42	7.3
Total ... ..	5577	445	7.8

## 7.—I. NUTRITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Exam- ined	ROUTINE CASES						NON-ROUTINE CASES		
		Above Average		Average		Below Average		Very Bad	Below Average	Very Bad
		No.	%	No.	%	No.	%			
Cumbernauld	Boys	4	3.3	107	88.8	9	7.5	...	...	...
	Girls	21	17.4	89	76.6	6	5.1	...	...	...
	Total	25	10.5	196	83.0	15	6.5	...	...	...
Kirkintilloch ...	Boys	56	10.7	450	86.4	15	2.9	...	...	...
	Girls	65	15.8	320	77.9	26	6.3	...	...	...
	Total	121	13.0	770	82.6	41	4.4	...	...	...
New Kilpatrick	Boys	38	17.5	174	80.2	5	2.3	...	...	...
	Girls	37	18.6	157	78.9	5	2.5	...	...	...
	Total	75	18.1	331	79.5	10	2.4	...	...	...
Old Kilpatrick	Boys	84	11.9	599	84.9	23	3.2	...	...	...
	Girls	97	14.6	506	76.6	58	8.8	...	...	...
	Total	181	13.2	1105	80.9	81	5.9	...	...	...
Dumbarton ...	Boys	8	1.3	578	93.8	26	4.3	4	0.6	...
	Girls	17	2.7	576	94.1	16	2.7	3	0.5	...
	Total	25	2.0	1154	94.0	42	3.4	7	0.6	...
Vale of Leven	Boys	47	10.8	310	70.8	76	17.3	5	1.1	...
	Girls	37	9.6	304	78.1	46	11.8	2	0.5	...
	Total	84	10.2	614	74.5	122	14.5	7	0.8	...
Helensburgh ...	Boys	50	17.9	202	72.1	28	10.0	...	...	...
	Girls	47	16.2	212	72.9	32	10.9	...	...	...
	Total	97	17.0	414	72.5	60	10.5	...	...	...
Total	Boys	287	9.9	2,420	83.6	182	6.2	9	0.3	...
	Girls	321	12.0	2,164	80.7	189	7.1	5	0.2	...
	Total	608	10.9	4,584	82.2	371	6.7	14	0.3	...

SCHOOL MANAGEMENT AREA		ROUTINE CASES										NON-ROUTINE CASES	
		Number of Routine Cases Examined	No Teeth Decayed		1 to 4 Teeth Decayed		5 or more Teeth Decayed		Oral Sepsis		5 or more Decayed	Oral Sepsis	
			No.	%	No.	%	No.	%	No.	%			
Cumbernauld	Boys	120	51	42.4	55	45.7	14	11.7	...	...	...	...	
	Girls	116	65	56.0	45	38.8	6	5.2	...	...	...	...	
	Total	236	116	49.1	100	42.4	20	8.5	...	...	...	...	
Kirkintilloch ...	Boys	521	300	57.6	180	34.6	41	7.8	2	...	...	...	
	Girls	411	250	60.9	133	32.3	28	6.8	...	...	...	...	
	Total	932	550	59.3	313	33.4	69	7.3	2	0.2	...	...	
New Kilpatrick	Boys	217	155	71.4	50	23.1	12	5.5	...	...	...	...	
	Girls	199	150	75.4	42	21.1	7	3.5	...	...	...	...	
	Total	416	305	73.4	92	22.1	19	4.5	...	...	...	...	
Old Kilpatrick	Boys	706	358	50.7	269	38.1	79	11.2	8	1.1	...	...	
	Girls	661	328	49.7	231	34.9	102	15.4	20	3.0	...	...	
	Total	1367	686	50.2	500	36.5	181	13.3	28	2.0	2	1	
Dumbarton ...	Boys	616	354	57.4	205	33.3	57	9.2	1	0.2	...	...	
	Girls	612	378	61.8	184	30.0	50	8.2	3	0.5	...	...	
	Total	1228	732	59.6	389	31.7	107	8.7	4	0.3	1	1	
Vale of Leven	Boys	438	279	63.7	58	13.2	101	23.1	16	3.6	...	...	
	Girls	389	235	60.4	56	14.4	98	25.2	15	3.8	...	...	
	Total	827	514	62.0	114	13.9	199	24.1	31	3.7	3	...	
Helensburgh ...	Boys	280	186	66.5	32	11.4	62	22.1	9	3.2	...	...	
	Girls	291	210	72.1	36	12.4	45	15.5	9	3.1	...	...	
	Total	571	396	69.3	68	11.9	107	18.8	18	3.1	3	...	
Total	Boys	2898	1683	58.1	849	29.3	366	12.6	36	1.2	...	...	
	Girls	2679	1616	60.3	727	27.1	336	12.6	47	1.8	...	...	
	Total	5577	3299	59.2	1576	28.2	702	12.6	83	1.5	9	2	

# 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS.

(a) Nose.

SCHOOL MANAGEMENT AREA	Catarrh.			Obstruction			Others			Total		
	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
	No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	...	...	...	1	0.4	...	1	0.4	...	2	0.8	...
Kirkintilloch ...	...	...	...	4	0.4	...	4	0.4	13	8	0.8	13
New Kilpatrick	...	...	...	1	0.2	...	...	...	...	1	0.2	...
Old Kilpatrick	10	0.7	1	4	0.3	...	1	0.1	3	15	1.0	4
Dumbarton ...	49	3.9	9	29	2.3	3	13	1.0	13	91	8.1	25
Vale of Leven ...	17	2.0	2	3	0.4	...	4	0.5	6	24	2.9	8
Helensburgh ...	9	1.6	2	1	0.2	...	3	0.5	6	13	2.3	8
Total ...	85	1.5	14	43	0.7	3	26	0.4	41	154	2.8	58

(b) I, Tonsils.

SCHOOL MANAGEMENT AREA.	Enlarged			Much Enlarged			Removed		
	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
	No.	%		No.	%		No.	%	
Cumbernauld	9	3.8	...	2	0.8	...	15	6.3	...
Kirkintilloch	25	2.6	7	7	0.7	9	123	13.2	...
New Kilpatrick	14	3.3	7	...	...	...	73	17.5	...
Old Kilpatrick	41	3.0	13	101	7.4	5	144	10.5	...
Dumbarton ...	100	8.1	23	90	7.3	10	240	19.5	2
Vale of Leven	123	14.8	1	115	13.9	20	84	10.1	...
Helensburgh ...	86	15.0	2	43	7.5	26	116	20.3	...
Total ...	398	7.1	53	358	6.4	70	795	14.2	2

## 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(b) 2, Adenoids.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Present			Suspected			Removed		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbarnauld	236	3	1·3	1	3	1·3	...	15	6·3	...
Kirkintilloch ...	932	19	2·0	19	5	0·5	...	122	13·1	...
New Kilpatrick	416	9	2·1	8	...	...	...	71	17·0	...
Old Kilpatrick	1367	66	4·8	21	4	0·3	...	146	10·6	...
Dumbarton ...	1228	13	1·0	14	12	0·9	2	70	5·6	...
Vale of Leven	827	53	6·4	...	8	0·9	8	169	20·4	...
Helensburgh ...	571	37	6·5	1	11	1·9	5	116	20·3	...
Total ...	5577	200	3·6	64	43	0·7	15	709	12·7	...

## 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(c) Lymphatic Glands—Submaxillary and Cervical.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Palpably Enlarged						Markedly Enlarged						Suppurating						Cicatrices					
		Submaxillary			Cervical			Submaxillary			Cervical			Submaxillary			Cervical			Submaxillary			Cervical		
		No.	Routine %	Non- Routine	No.	Routine %	Non- Routine	No.	Routine %	Non- Routine	No.	Routine %	Non- Routine	No.	Routine %	Non- Routine	No.	Routine %	Non- Routine	No.	Routine %	Non- Routine	No.	Routine %	Non- Routine
Cumbernauld ...	236	3	1.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0.4	...	...	...	...
Kirkintilloch ...	932	11	1.2	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	...	...	...	...
New Kilpatrick	416	7	1.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick ...	1367	65	4.7	...	...	...	...	5	0.4	...	...	...	...	...	...	...	...	...	...	3	0.2	...	...	...	...
Dumbarton ...	1228	2	0.2	5	26	2.1	10	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	...	...	...	...
Vale of Leven ...	877	50	6.0	2	...	...	...	9	1.1	2	...	...	1	...	...	...	...	...	...	11	1.3	...	1	0.1	...
Helensburgh ...	571	49	8.5	...	...	...	...	7	1.2	1	0.2	...	...	...	...	...	...	...	...	6	1.0	...	1	0.2	...
Total ...	5577	187	3.3	15	26	0.5	10	21	0.4	3	1	0.1	1	...	...	...	...	...	...	23	0.4	...	2	0.1	...

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Strabismus			8lepharitis			Conjunctivitis			Corneal Opacities			Other Diseases		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	Boys	6	4.9	...	...	...	...	...	...	...	1	0.8	...	...	...	...
	Girls	4	3.4	...	...	0.9	...	...	...	...	...	...	...	...	...	...
	Total	10	4.2	...	1	0.4	...	...	...	...	1	0.4	...	...	...	...
Kirkintilloch	Boys	19	3.6	...	6	1.1	...	1	0.2	...	...	...	...	1	0.2	...
	Girls	12	2.9	...	4	0.9	...	...	...	...	...	...	...	4	0.9	...
	Total	31	3.3	4	10	1.1	3	1	0.1	2	...	...	3	5	0.5	5
New Kilpatrick	Boys	2	0.9	...	...	...	...	...	...	...	...	...	...	...	...	...
	Girls	3	1.5	...	1	0.5	...	...	...	...	...	...	...	...	...	...
	Total	5	1.2	1	1	0.2	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	Boys	20	2.8	...	3	0.4	...	1	0.1	...	...	...	...	1	0.1	...
	Girls	23	3.4	...	8	1.2	...	4	0.6	...	2	0.3	...	3	0.4	...
	Total	43	3.1	4	11	0.8	1	5	0.4	1	...	...	...	4	0.3	...
Dumbarton	Boys	24	3.8	...	5	0.8	...	1	0.2	...	...	...	...	4	0.6	...
	Girls	30	4.9	...	16	2.6	...	3	0.5	...	...	...	...	3	0.5	...
	Total	54	4.4	7	21	1.6	15	4	0.3	12	...	...	4	7	0.5	12
Vale of Leven	Boys	10	2.3	...	...	...	...	...	...	...	1	0.2	...	1	0.2	...
	Girls	16	4.1	...	6	1.5	...	...	...	...	...	...	...	3	0.8	...
	Total	26	3.1	4	6	0.7	2	...	...	...	1	0.1	...	4	0.5	1
Helensburgh	Boys	8	2.8	...	2	0.7	...	...	...	...	...	...	...	2	0.7	...
	Girls	6	2.1	...	1	0.3	...	...	...	...	...	...	...	2	0.7	...
	Total	14	2.4	3	3	0.5	1	...	...	1	...	...	...	4	0.7	4
Total	Boys	89	3.1	...	16	0.5	...	3	0.1	...	2	0.1	...	9	0.3	...
	Girls	94	3.4	...	37	1.3	...	7	0.3	...	2	0.1	...	15	0.5	...
	Total	183	3.2	23	53	0.9	22	10	0.2	20	4	0.1	7	24	0.4	22

# 7.—N. EAR DISEASES.

# 7.—O. HEARING.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Otorrhoea		Wax		Others		Total	
		Routine		Routine		Routine		Routine	
		No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	236	2	0·8	1	0·4	...	...	3	1·2
Kirkintilloch ...	932	13	1·4	6	0·1	...	...	14	1·5
New Kilpatrick...	416	1	0·2	...	0·2	...	...	2	0·5
Old Kilpatrick ...	1367	16	1·1	8	0·4	2	0·5	26	1·9
Dumbarton ...	1228	10	0·8	17	...	3	0·3	14	1·1
Vale of Leven ...	827	7	0·8	3	0·2	1	0·2	11	1·3
Helensburgh ...	571	7	1·2	4	...	...	0·7	11	1·9
Total ...	5577	56	0·9	39	0·2	6	0·2	81	1·4
								17	62

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slightly Deaf		Very Deaf		Total	
		Routine		Routine		Routine	
		No.	%	No.	%	No.	%
Cumbernauld	236	2	0·8	...	...	2	0·8
Kirkintilloch ...	932	4	0·4	1	0·1	5	0·5
New Kilpatrick	416	1	0·2	1	0·2	2	0·5
Old Kilpatrick	1367	11	0·8	5	0·4	16	1·1
Dumbarton ...	1228	14	1·1	4	0·3	18	1·5
Vale of Leven	827	11	1·3	1	0·1	12	1·4
Helensburgh	571	5	0·9	4	0·7	9	1·6
Total ...	5577	48	0·8	16	0·3	64	1·1
						11	19

# 7.—M. Visual Acuity (Snellen's Test at 6 Metres).

Vision shown is "Working Vision," i.e., Vision of better eye. Good Vision= $\frac{6}{6}$ . Fair Vision= $\frac{6}{6}$  to  $\frac{6}{12}$ . Bad Vision= $\frac{6}{18}$  or worse.

21A

School Management Area		ROUTINE CASES																												Non-Routine									
		Age 8								Age 14								Age 16								Total													
		No. Exam-ined	Good		Fair		Bad		Bad in one Eye only		No. Exam-ined	Good		Fair		Bad		Bad in one Eye only		No. Exam-ined	Good		Fair		Bad		Bad in one Eye only		No. Exam-ined		Good		Fair		Bad		Bad in one Eye only		
			No.	%	No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.	%			No.	%	No.	%	No.	%	No.	%	
Cumbernauld	Boys	50	48	96.0	2	4.0	...	...	2	4.0	18	16	89.0	1	5.5	1	5.5	...	...	...	...	...	...	...	...	...	...	68	64	94.1	3	4.4	1	1.5	2	2.9	...	...	
	Girls	51	46	90.2	3	5.9	2	3.9	1	1.9	15	15	100.0	...	...	...	...	...	...	...	...	...	...	...	...	...	66	61	92.5	3	4.5	2	3.0	1	1.5	...	...		
Kirkintilloch	Boys	110	107	91.9	5	4.5	4	3.6	6	5.5	174	179	92.3	6	3.1	9	4.6	22	11.3	22	19	86.4	1	4.5	2	9.1	1	326	299	91.7	12	3.7	15	4.6	29	8.9	...	...	
	Girls	87	77	88.5	4	4.6	6	6.9	2	2.3	177	161	91.0	4	2.2	12	6.8	7	4.0	9	88.9	...	...	...	...	...	273	246	90.1	8	2.9	19	7.0	9	3.3	...	...		
New Kilpatrick	Boys	35	32	91.4	3	8.6	...	...	1	2.8	61	57	93.4	2	3.3	2	3.3	1	1.7	21	19	90.4	1	4.8	1	4.8	1	117	108	92.4	6	5.1	3	2.5	3	2.5	...	...	
	Girls	31	28	90.4	1	3.2	2	6.4	1	3.2	64	59	92.2	1	1.6	4	6.2	1	1.6	14	13	92.9	...	...	...	...	109	100	91.8	2	1.8	7	6.4	2	1.8	...	...		
Old Kilpatrick	Boys	229	212	92.6	14	6.1	3	1.3	5	2.2	228	196	86.0	22	9.7	10	4.3	18	7.9	...	...	...	...	...	...	...	457	408	89.3	36	7.9	13	2.8	23	5.0	...	...		
	Girls	229	203	88.6	16	7.0	10	4.4	8	3.5	177	158	89.3	11	6.2	8	4.5	6	3.4	...	...	...	...	...	...	...	406	361	89.0	27	6.6	18	4.4	14	3.4	...	...		
Dumbarton	Boys	173	157	90.8	12	6.9	4	2.3	8	4.6	262	246	93.9	9	3.4	7	2.7	10	3.8	29	27	93.1	2	6.9	...	...	3	464	430	92.7	23	5.0	11	2.3	21	4.5	...	...	
	Girls	168	147	87.5	16	9.5	4	3.0	4	2.4	261	238	91.2	14	5.4	9	3.4	5	1.9	21	21	80.8	3	7.7	3	11.5	...	455	406	89.3	32	7.0	17	3.7	11	...	...		
Vale of Leven	Boys	167	154	92.2	9	5.4	4	2.4	3	1.8	136	127	93.4	3	1.5	7	5.1	7	5.1	6	4	66.6	1	16.7	1	16.7	...	309	285	92.2	12	3.9	12	3.9	10	3.2	...	...	
	Girls	149	134	90.0	12	8.0	4	2.0	3	2.0	111	106	95.5	3	2.7	2	1.8	4	3.6	7	6	85.7	...	...	...	...	...	267	246	92.2	15	5.6	6	2.2	8	...	...		
Helensburgh	Boys	93	90	96.9	2	2.1	1	1.0	...	...	81	78	96.3	1	1.2	2	2.5	1	1.2	10	9	90.0	...	...	...	...	...	184	177	96.2	3	1.6	4	2.2	1	0.5	...	...	
	Girls	93	84	90.3	5	5.4	4	4.3	2	2.1	100	85	85.0	13	13.0	2	2.0	4	4.0	7	4	57.1	1	14.3	2	28.6	...	200	173	86.5	19	9.5	8	4.0	6	3.0	...	...	
Total	Boys	857	794	92.7	47	5.5	16	1.8	25	2.9	980	899	91.7	43	4.4	38	3.9	59	6.0	83	78	88.6	5	5.7	5	5.7	5	1925	1771	92.0	95	4.9	59	3.1	89	4.6	...	...	
	Girls	808	719	89.0	57	7.0	32	4.0	21	2.6	905	822	90.8	46	5.1	37	4.1	27	3.0	63	52	82.5	3	4.8	8	12.7	3	1776	1593	89.7	106	6.0	77	4.3	51	2.8	...	...	
	Boys	1665	1513	90.9	104	6.2	48	2.9	46	2.7	1895	1721	91.3	89	4.7	75	4.0	86	4.5	151	130	86.1	8	5.3	13	8.6	8	3701	3364	90.9	201	5.4	136	3.7	140	3.7	96	...	...
	Girls																																						



## 7.—P. SPEECH.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Defective Articulation			Stammering			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld...	236	1	0.4	...	1	0.4	...	2	0.8	...
Kirkintilloch ...	932	3	0.3	...	1	0.1	...	4	0.4	...
New Kilpatrick	416	...	...	...	2	0.9	...	2	0.9	...
Old Kilpatrick	1367	4	0.3	1	2	0.1	...	6	0.4	1
Dumbarton ...	1228	2	0.2	...	2	0.2	...	4	0.3	...
Vale of Leven	827	8	0.9	...	4	0.5	...	12	1.4	...
Helensburgh ...	571	6	1.0	...	4	0.7	...	10	1.7	...
Total ...	5577	24	0.4	1	16	0.2	...	40	0.7	1

## 7.—Q. MENTAL CONDITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Dull or Backward			Mentally Deficient			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	236	1	0.4	...	...	...	...	1	0.4	...
Kirkintilloch ...	932	...	...	1	...	...	...	...	...	1
New Kilpatrick	416	3	0.7	...	1	0.2	...	4	0.9	...
Old Kilpatrick	1367	16	1.1	1	...	...	...	16	1.1	1
Dumbarton ...	1228	4	0.3	...	...	...	...	4	0.3	...
Vale of Leven	827	16	1.9	...	...	...	...	16	1.9	...
Helensburgh ...	571	5	0.9	...	...	...	...	5	0.9	...
Total ...	5577	45	0.8	2	1	0.1	...	36	0.6	2



## 7.—S. LUNGS.

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Bronchial Catarrh			Bronchitis			Tuberculosis			Tuberculosis Suspected			Asthma			Total		
		No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine
Cumbarnauld	236	...	...	...	1	0.4	...	...	...	...	...	...	...	...	...	...	1	0.4	...
Kirkintilloch	932	...	...	...	9	0.9	5	...	...	...	...	...	...	3	0.3	2	12	1.2	7
New Kilpatrick	416	...	...	...	2	0.5	...	...	...	...	...	...	...	2	0.5	...	4	0.9	...
Old Kilpatrick	1367	10	0.7	...	15	1.0	1	...	...	...	...	...	...	4	0.3	1	29	2.1	2
Dumbarton	1228	65	5.3	15	5	0.4	11	...	...	1	...	...	...	1	0.1	4	71	5.8	31
Vale of Leven	827	14	1.7	2	...	...	1	...	...	...	...	...	...	5	0.6	6	19	2.3	9
Helensburgh	571	5	0.9	...	2	0.3	...	...	...	...	...	...	...	2	0.3	1	9	1.6	1
Total	5577	94	1.7	17	34	0.6	18	...	...	1	...	...	...	17	0.3	14	145	2.6	50

## 7.—T. NERVOUS SYSTEM.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Epilepsy			Chorea			Infantile Paralysis			Others			Total		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	236	..	...	...	1	0.4	...	...	...	...	...	...	...	1	0.4	...
Kirkintilloch	932	1	0.1	2	1	0.1	1	2	0.2	...	1	0.1	...	5	0.5	3
New Kilpatrick	416	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1367	1	0.1	3	1	0.1	2	5	0.4	...	2	0.1	1	9	0.6	6
Dumbarton	1228	...	...	...	...	...	5	...	...	...	...	...	...	...	...	5
Vale of Leven	827	1	0.1	...	2	0.2	4	6	0.7	1	3	0.4	...	12	1.4	5
Helensburgh	571	...	...	...	2	0.3	...	1	0.2	...	...	...	...	3	0.5	..
Total ...	5577	3	0.1	5	7	0.1	12	14	0.2	1	6	0.1	1	30	0.5	19

## 7.—U. TUBERCULOSIS (NON-PULMONARY).

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Glands			Bones			Joints			Abdominal			Others			Total		
		Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine
Cumbernauld	236	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	932	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	...	1	0.1	...
New Kilpatrick	416	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Old Kilpatrick	1367	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Dumbarton	1228	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vale of Leven	827	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Helensburgh	571	...	...	...	...	...	...	...	...	...	1	0.1	...	...	...	...	1	0.1	...
Total ...	5577	...	...	1	...	...	1	...	...	...	1	0.1	...	1	0.1	...	2	0.1	2

## 7.—V. RICKETS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slight			Marked			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	236	...	...	...	...	...	...	...	...	...
Kirkintilloch	932	...	...	...	...	...	...	...	...	...
New Kilpatrick	416	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1367	...	...	...	1	0·1	...	1	0·1	...
Dumbarton	1228	...	...	...	1	0·1	...	1	0·1	...
Vale of Leven	827	...	...	...	...	...	...	...	...	...
Helensburgh	571	...	...	...	1	0·1	...	1	0·1	...
Total	5577	...	...	...	3	0·1	...	3	0·1	...

## 7.—W. DEFORMITIES.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Congenital			Acquired (Non-Rachitic)			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	236	...	...	...	1	0·1	...	1	0·1	...
Kirkintilloch ...	932	...	...	...	29	3·1	7	29	3·1	7
New Kilpatrick	416	1	0·2	...	3	0·7	1	4	0·9	1
Old Kilpatrick	1367	1	0·1	...	47	3·4	3	48	3·4	3
Dumbarton ...	1228	6	0·5	2	44	3·5	3	50	4·1	5
Vale of Leven	827	7	0·8	1	24	2·8	2	31	3·7	3
Helensburgh	571	4	0·7	1	14	2·4	...	18	3·1	1
Total ...	5577	19	0·3	4	162	2·9	16	181	3·2	20

## 7.—X. INFECTIOUS OR CONTAGIOUS DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Examined	Scarlet Fever			Whooping Cough			Chicken Pox			German Measles			Mumps			Total		
		Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine
Cumbernauld ...	236	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	932	1	0·1	...	...	...	3	...	...	...	...	...	...	...	...	...	1	0·1	3
New Kilpatrick ...	416	...	...	...	...	...	...	...	...	...	...	...	...	1	0·2	...	1	0·2	...
Old Kilpatrick ...	1367	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
Dumbarton ...	1228	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Vale of Leven ...	827	...	...	...	1	0·1	...	2	0·2	3	...	...	...	...	...	...	3	0·3	3
Helensburgh ...	571	...	...	...	...	...	...	...	...	...	1	0·2	...	...	...	1	1	0·2	1
Total ...	5577	1	0·1	...	1	0·1	3	2	0·1	8	1	0·1	...	1	0·1	1	6	0·1	12

## 7.—Y. OTHER DISEASES AND DEFECTS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Hernia			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	236	2	0·8	...	4	1·6	1	6	2·5	1
Kirkintilloch ...	932	...	...	...	22	2·3	40	22	2·3	40
New Kilpatrick	416	1	0·2	...	5	1·2	3	6	1·4	3
Old Kilpatrick	1367	2	0·1	...	41	3·0	25	43	3·1	25
Dumbarton ...	1228	...	...	...	98	7·9	99	98	7·9	99
Vale of Leven	827	2	0·2	...	44	5·2	74	46	5·6	74
Helensburgh ...	571	1	0·2	...	19	3·3	39	20	3·5	39
Total ...	5577	8	0·1	...	233	4·2	281	241	4·3	281

## PREVIOUS ILLNESSES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Small- pox		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	236	186	78.8	134	56.7	78	32.9	93	39.4	16	6.7	3	1.3	...	...	3	1.3	...	...	44	18.5
Kirkintilloch ...	932	760	81.5	521	55.8	327	35.0	292	31.3	118	12.6	52	5.5	...	...	23	2.4	...	...	215	23.1
New Kilpatrick	416	308	74.0	237	56.9	160	38.5	148	25.6	51	12.3	8	1.9	...	...	5	1.2	...	...	112	26.9
Old Kilpatrick ...	1367	1134	82.9	793	57.9	515	37.6	419	30.6	180	12.1	90	6.5	...	...	12	0.9	...	...	356	26.0
Dumbarton ...	1228	1086	88.8	719	58.5	460	37.4	416	33.9	209	17.0	123	4.6	...	...	3	0.2	...	...	306	24.9
Vale of Leven ...	827	574	69.4	499	60.3	310	37.5	259	31.3	117	14.1	57	6.9	...	...	14	1.7	...	...	275	33.3
Helensburgh ...	571	415	72.7	348	60.9	236	41.3	216	37.8	73	12.8	38	9.6	...	...	3	0.5	...	...	145	25.4
Total ...	5577	4463	79.9	3241	58.0	2086	37.3	1843	32.9	764	13.7	371	6.6	...	...	63	1.1	...	...	1453	25.0

## VACCINATION.

SCHOOL MANAGEMENT AREA	Entrants			Age 8			Age 14			Age 16			Total		
	Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated	
		No.	%		No.	%		No.	%		No.	%		No.	%
Cumbernauld	102	45	44.1	101	39	38.6	33	6	18.2	...	...	...	236	90	38.1
Kirkintilloch	333	80	24.0	197	49	25.0	371	97	26.1	31	4	12.9	932	230	24.6
New Kilpatrick	190	48	25.3	66	14	21.2	125	26	20.8	35	4	11.4	416	92	22.1
Old Kilpatrick	504	193	38.3	458	174	38.0	405	119	29.4	...	...	...	1367	486	35.5
Dumbarton	309	215	69.5	341	233	68.3	523	286	54.7	55	18	32.7	1228	752	61.2
Vale of Leven	251	169	67.3	316	203	64.2	247	118	47.7	13	4	30.8	827	494	59.8
Helensburgh	187	91	48.6	186	90	48.4	181	85	47.0	17	3	17.7	571	269	47.1
Total	1876	841	*44.8	1665	802	*48.1	1885	737	*39.1	151	33	*21.8	5577	2413	*43.2
	*Decrease compared with last year — 33.9%			*Decrease compared with last year — 26.2%			*Decrease compared with last year — 25.3%			*Decrease compared with last year — 17.9%			*Decrease compared with last year — 29.2%		

### 8.—Special Schools and Classes.

*Special Schools*—There are three Special Schools in the County—Waverley Park Home, Kirkintilloch ; Milton School, Bowling ; and College Street School, Dumbarton.

In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-minded, there are at present 3 pupils from the County.

Milton Special School, which serves the areas of Old and New Kilpatrick, also receives Deaf-Mute pupils from Dumbarton, Helensburgh, and the Vale of Leven Areas. This school was taken over by the military authorities on the outbreak of the war, and, as far as possible, the pupils have been conveyed to College Street School, Dumbarton. A few pupils were evacuated with two teachers and a nurse to Port Kil, Kilcreggan, and later to "The Grove," Clynder. There are now 5 pupils at "The Grove," with one teacher and a nurse.

The number of children from Old Kilpatrick and New Kilpatrick Areas attending College Street School during the present session were :—Mentally Defective, 31 ; Physically Defective, 6 ; Myopic, 7 ; and Deaf Mute, 7 ; total, 51.

College Street School, which serves the Dumbarton, Vale of Leven and Helensburgh Areas, has three classes for Mentally Defectives and two classes for Physically Defectives. The numbers from Dumbarton, Vale of Leven and Helensburgh are :—Mentally Defective, 47 ; Physically Defective, 21 ; total, 68. The pupils in the Deaf-Mute Classes, 7 in number, are drawn from the whole county, except the parishes of Kirkintilloch and Cumbernauld. Deaf-Mute pupils from these two parishes are, by arrangement with the Glasgow Education Committee, taught in the Glasgow Schools for deaf-mutes.

*Special Classes (a) For Mentally Defective Children*—There are two classes in Lairdsland School with 19 on the roll.

(b) *For Conservation of Vision*—Lairdsland School with 8 on the roll ; Whitecrook School, Clydebank (temporarily transferred to College Street School, Dumbarton), with 7 on the roll ; College Street School, Dumbarton, with 16 on the roll. The total number of Myopic Children in these classes is 31.

The following are the totals for the County :—

Mentally Defective	...	...	...	...	100
Physically Defective	...	...	...	...	24
Deaf-Mutes	...	...	...	...	6
Conservation of Vision	...	...	...	...	162
			Total	...	<u>292</u>

The number of Physically Defective Children in Institutions paid for by the County Council is	...	...	2
The number of Mentally Defective Children in Institutions paid for by the County Council is	...	...	11
Blind Persons in training under the Blind Persons Act (1920), (cost of training paid by the County Council, and cost of maintenance paid by the Local Authority) is as follows :—			
In Glasgow Royal Blind Asylum	...	...	4
In Edinburgh Royal Blind Asylum	...	...	2
Total	...	...	<u>19</u>

*Medical Inspection*—The pupils attending the special schools are examined every session. The numbers examined during the present session were :— 50 Mentally Defectives, 51 Physically Defectives, a total of 101. Of the 51 Physically Defectives, 9 were Myopic and 9 Deaf-Mute, or very deaf. Of the total 101, 19 were classed as having nutrition below the average, while 7 had very bad nutrition, 2 showed evidence of ear, throat and nose trouble, 18 had defective vision, while 22 showed evidence of physical deformity, congenital or acquired.

*Special Appliances Supplied to Pupils*—During the session the Education Committee agreed to the provision or repair of the following appliances :—

Splints	...	...	...	...	...	...	1
Splints, with boots or overshoe	...	...	...	...	...	...	3
Artificial Eye	...	...	...	...	...	...	2
Dental Plates	...	...	...	...	...	...	2
Total							8

## 9.—Arrangements for Physical Education and Personal Hygiene.

A. *Physical Exercises*—The arrangements for these remain much the same as in former years (See Annual Reports, 1914-15, page 72 ; 1919-20, page 41 ; 1920-21, page 38 ; and 1927-28, page 37).

Children for whom exemption from Physical Training or Baths was asked were examined by the School Medical Officers and exemption was granted if sufficient reason was found. In addition to these there was a number of children who were found by the School Medical Officers in the course of routine examinations to be suffering from defects which justified exemption from drill or baths, and in these cases such exemption was granted.

The reasons for exemption were as follows :—

### (a) From Drill and Baths :—

Defective Heart	...	...	...	...	...	...	11
Recent Abdominal Operation (Appendicitis, etc.)	...	...	...	...	...	...	4
Affections of Bones or Joints	...	...	...	...	...	...	2
Chest Conditions	...	...	...	...	...	...	2
Rheumatism	...	...	...	...	...	...	2
Others	...	...	...	...	...	...	6
Total							27

### (b) From Baths Only :—

Ear Disease	...	...	...	...	...	...	4
Skin Disease	...	...	...	...	...	...	1
Chest Conditions	...	...	...	...	...	...	3
Rheumatism	...	...	...	...	...	...	2
Other	...	...	...	...	...	...	2
Total							12

## 10.—Milk-in-Schools Scheme.

The Director of Education has kindly supplied the following information :—

The average number of pupils taking advantage of this scheme throughout the session was 13,274 which gives an average of 64% of the number of pupils on the roll. The total quantity of milk supplied during the session was 898,250 pints.

### Employment of Children (Scotland) Act, 1932.

Permits under the above Act were issued as follows after the applicants had been examined by the School Medical Officers.

			Granted.	Refused.	Total.
Cumbernauld	...	...	—	—	—
Kirkintilloch	...	...	9	—	9
New Kilpatrick	...	...	20	—	20
Old Kilpatrick	...	...	—	—	—
Dumbarton	...	...	24	1	25
Vale of Leven	...	...	7	—	7
Helensburgh	...	...	2	—	2
Total	...	...	62	1	63

### Admission of Children to Approved Schools.

During the session 46 children were examined with regard to their suitability for admission to Approved Schools. Of these, 39 were committed by the Sheriff to institutions.

### II.—Arrangements for Medical Treatment.

See Annual Reports, 1927-1928, pages 38, 39 and 40 ; and 1928-1929, pages 46 to 54.

See also Appendix to Annual Report for 1938-1939.

### X-Ray Treatment of Ringworm.

No cases were treated during the session.

### Ultra-Violet Light Treatment.

No accurate figures are available for the work done under this heading, but every child found to require treatment was provided for if at all possible.

# ORTHOPAEDIC TREATMENT.

The Orthopaedic Clinics in Dumbarton and Kirkintilloch were in full working order during the present session. The work at the Clydebank Clinic was still very much hampered by present conditions, but in the other three clinics the work has increased so much that the present staff is too small. Vale of Leven cases were treated at Dumbarton. The cases treated were as follows:—

Deformity or Disease	Clydebank Clinic			Dumbarton Clinic			Kirkintilloch Clinic			Vale of Leven Clinic			Helensburgh Clinic			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Kyphosis ...	...	1	1	...	...	...	2	2	4	1	1	2	1	...	1	4	4	8
Lordosis ...	...	4	4	...	1	1	7	3	10	1	...	1	...	1	8	9	9	17
Kypho- Lordosis ...	4	2	6	...	4	4	2	7	9	2	...	2	1	1	2	9	14	23
Scoliosis ...	1	2	3	...	...	...	...	...	...	...	...	1	...	...	...	1	3	4
Foot	4	5	9	2	9	11	19	13	32	3	6	9	3	5	8	31	38	69
Deformity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Infantile	1	...	1	2	1	3	4	3	7	1	1	2	1	2	3	9	7	16
Paralysis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chest	...	...	...	5	...	5	3	1	4	2	...	2	1	...	1	11	1	12
Deformities	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mouth	4	1	5	1	3	4	8	1	9	4	...	4	4	...	4	21	5	26
Breathing	2	...	2	2	2	4	4	2	6	4	...	5	...	2	2	12	7	19
Others	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	16	15	31	12	20	32	49	32	81	18	10	28	11	11	22	106	88	194

## Response to Treatment.

Clinic	Response to Treatment		
	Good	Fair	Unsatisfactory
Clydebank ...	10	15	6
Dumbarton ...	19	8	5
Kirkintilloch ...	40	29	12
Vale of Leven ...	9	12	7
Helensburgh ...	6	8	8
Total ...	84	72	38

### RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

As it has been suggested that the effect of the removal of tonsils and adenoids produces little permanent benefit, an examination was made of pupils who had been operated on a considerable number of years before.

There were 410 children re-examined at the age of fourteen years who had had tonsils and adenoids, or tonsils only, or adenoids only, removed previously. Of these, 388 were found to be absolutely satisfactory, the remaining twenty-two showing evidence of rheumatism, or chorea, asthma, bronchial troubles, deafness and otorrhoea.

The following table shows details of this investigation :—

No. of Years after Operation	No. of Cases	Satisfactory	Unsatisfactory	Reasons for Classification as unsatisfactory.					
				Rheumatism	General Health Bad	Asthma	Bronchial Conditions	Deafness	Otorrhoea
More than	25	23	2	...	...	2	...	...	...
10	28	25	3	...	...	2	...	1	...
9	44	43	1	...	...	...	...	...	...
8	70	66	4	1	1	1	2	...	...
7	99	93	6	...	2	...	...	2	2
6	57	56	1	...	...	...	...	...	1
5 or less	87	82	5	3	...	...	...	1	1
Total	410	388	22	4	3	5	2	4	4

The table which will be found on page 38 shows the results of the removal of tonsils and/or adenoids, as ascertained by examination at an interval of about one year from operation. The figures are cumulative from the investigation commenced during the session 1931-1932.

## REMOVAL OF TONSILS AND/OR ADENOIDS.

Owing to war conditions no operations were carried out in the White crook Clinic, Clydebank, during the present session. All children from Clydebank requiring operations were conveyed to Dumbarton Clinic and dealt with there.

		Tonsils and Adenoids Removed.				Adenoids only Removed.			
		Result Satisfactory.	Result Moderately Satisfactory.	Result Unsatisfactory	Total*	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Total
	Number Percentage	3031 76.9	663 16.8	250 6.3	3944	300 45.5	229 34.7	131 19.8	660
Mouth Breathing	Present before operation	2263	554	162	2979	265	109	97	471
	Continuing after operation	95	120	99	314	13	34	66	113
	Apparently cured ...	2168	434	63	2665	252	75	31	358
	Beginning after operation	2	10	5	17	1	...	1	2
Deafness	Present before operation	468	180	52	700	186	42	19	247
	Continuing after operation	57	88	41	186	30	16	13	59
	Apparently cured ...	411	92	11	514	156	26	6	188
	Beginning after operation	8	4	4	16	5	...	1	6
Discharging Ear	Present before operation	384	127	500	1011	51	23	13	87
	Continuing after operation	63	68	148	279	13	7	9	29
	Apparently cured ...	321	59	352	732	38	16	4	58
	Beginning after operation	16	12	29	57	2	1	2	5
Discharging Nose	Present before operation	1246	325	126	1697	166	79	86	331
	Continuing after operation	111	184	113	408	16	51	79	146
	Apparently cured ...	1135	141	13	1289	150	28	7	185
	Beginning after operation	23	31	11	65	...	5	5	10
Susceptibility to Colds and/or Sore Throats	Present before operation	2370	556	173	3099	215	89	102	406
	Continuing after operation	142	210	133	485	19	46	86	151
	Apparently cured ...	2228	346	40	2614	196	43	16	255
	Beginning after operation	11	4	9	24	...	2	3	5
Enlarged Glands	Present before operation	1250	471	45	1766	39	14	32	85
	Continuing after operation	74	73	22	169	10	4	23	37
	Apparently cured ...	1176	398	23	1597	29	10	9	48
	Beginning after operation	8	8	3	19	...	...	4	4
Rheumatism or Chorea	Present before operation	141	82	11	234	10	1	...	11
	Continuing after operation	46	39	7	92	7	1	...	8
	Apparently cured ...	95	43	4	142	3	...	...	3
	Beginning after operation	51	36	4	91	2	3	...	5

## TREATMENT OF MINOR AILMENTS.

District	Nurse	Number of Children dealt with	Total Number of Attendances	Number of Visits to Parents	Number of Visits to Clinics or Schools	Eye Cases	Throat and Nose Cases	Ear Cases	Skin Cases	Others	Attendance at Eye, Operations Dental and X-Ray Clinics
Kirkintilloch ...	C. M. Jeffrey	667	3779	183	82	7	...	39	575	46	160
Cumbernauld Kirkintilloch (Landward) ...	M. M. Macdonald	682	2448	139	94	15	10	16	615	26	212
Old Kilpatrick (Burgh and Landward) ...	E. S. R. Stevenson	405	987	94	106	3	2	35	364	1	271
Dumbarton (except Notre Dame and West Bridgend Schools)	M. Gilmour	1191	1740	11	43	14	...	27	1045	105	239
New Kilpatrick Vale of Leven (Renton Public and St. Martin's)	C. Macnair	1237	3903	102	111	8	...	9	1182	38	223
Vale of Leven (except Renton)	J. Scott	688	1663	238	41	10	...	32	561	85	225
Helensburgh Dumbarton (Notre Dame and West Bridgend Schools)	K. S. Stevenson	377	1355	40	39	6	...	27	267	77	186
Total ...		5247	15,875	807	516	63	12	185	4609	378	1516



# DENTAL TREATMENT

SCHOOL MANAGEMENT AREA	DENTIST	Number of Children Treated					Conservation Treatment				Extractions				Anaesthetics	
		Routine Cases		No. of Emergency Cases treated	Total No. of Cases treated	Actual No. of Attend- ances	Teeth Filled		Teeth Conserved by other Treatment		Total No. of Teeth Con- served	Teeth Extracted			Local	General
		No. of Cases requir- ing treat- ment	Actual No. of Cases Treated				Tem- porary	Per- manent	Tem- porary	Per- manent		Tem- porary	Per- manent	Total No. of Extrac- tions		
Cumbernauld ...	Mr. Cassidy ...	474	478	29	507	588	6	182	1	31	220	480	62	542	201	57
Kirkintilloch ...	Mr. Cassidy ...	855	971	268	1239	1525	30	473	32	286	821	1323	300	1623	417	193
New Kilpatrick	Mr. Cassidy ...	320	590	88	678	889	18	324	8	151	501	367	72	439	258	23
Old Kilpatrick	Miss McKendrick	2774	1206	160	1366	2522	...	589	...	382	971	4182	825	5007	1865	451
Dumbarton ...	Miss Pugh ...	2164	879	181	1060	2514	...	849	62	547	1458	1066	418	1484	628	131
Vale of Leven	Miss Pugh ...	1112	412	81	493	1000	2	312	45	151	510	501	190	691	294	67
Vale of Leven	Mr. Macdonald	648	288	20	308	759	17	198	9	426	650	627	87	714	124	51
Helensburgh ...	Mr. Macdonald	920	465	169	634	1820	52	617	131	1383	2183	1162	134	1296	305	94
Total ...	...	9267	5289	996	6285	11617	125	3544	288	3357	7314	9708	2088	11796	4092	170

## Ophthalmic Treatment of School Children

	SCHOOL MANAGEMENT AREA.											
	Dumbarton.		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Defective Vision corrected with Spectacles ...	74	62	13	37	57	68	8	9	47	57	42	35
Defective Vision too slight to benefit from Spectacles ...	9	8	4	6	13	16	3	2	10	11	5	7
Defective Vision treated otherwise ...	5	10	2	3	10	16	2	0	5	0	2	3
Total Number of Children Examined ...	88	80	19	46	80	100	13	11	62	68	49	45
Re-examinations ...	104	83	15	17	77	90	9	6	53	48	37	34

Total Number of Children Examined—661.  
Total Number of Spectacles Prescribed—509.



## ORTHOPTIC TREATMENT.

The present session marks the completion of the fifth year of activity of the Orthoptic Clinics, which have been established at Clydebank, Dumbarton and Kirkintilloch. In the establishment of these clinics a real advance has been made in the treatment of squint, that rather common disfigurement of child life.

Squint is conveniently classified into three groups. In the first group, a large one, the squint disappears when suitable glasses are worn constantly. In some of these cases, especially those dealt with at an early period, full binocular vision is retained, and no further treatment is required. In others, while the eye appears straight, the sight of one eye has deteriorated, and treatment is necessary to restore the vision.

In the second group glasses are not sufficient to correct the squint, though it may be improved, and steps have to be taken not only to restore vision but also to exercise weak muscles ; in this way a cure is effected.

In the third group all those forms of treatment are insufficient, and, in addition to the use of glasses, occlusion and exercises, recourse to operation is necessary.

During the year children have been taught occlusion with the co-operation of the parents, and have been kept under observation to note progress. Others have been given suitable exercises to re-establish binocular vision and strengthen muscles. An increasing number of operations have also been done at the Ophthalmic Institution. The link which the Orthoptist also has with this Institute has been helpful in enabling treatment to be continued soon after the operation.

The following table shows the number of cases seen by the Orthoptist.

	Clydebank	Dumbarton	Kirkintilloch	Total
Number of Children under Treatment ... ..	12	16	11	39
Number of Children under Observation ... ..	17	29	13	59
Attendances—				
Preliminary Examination ... ..	—	5	8	13
Cases for Occlusion ... ..	65	101	33	199
Cases for Orthoptic Exercises ... ..	275	375	246	896
Cases for Re-examination ... ..	26	61	93	180
Total ... ..	366	542	380	1,288
Cases Operated on ... ..	2	2	—	4
Cases Discharged ... ..	8	7	7	22

## REPORT BY SCHOOL NURSES.

District	Nurse	Number of Children Examined	Total Number of Inspections	Number of Visits to Parents or Schools	Vermin or Nits on Head	Vermin or Nits on Body	Vermin Suspected	Unsatisfactory Clothing	Unsatisfactory Footgear	Others
Kirkintilloch ...	C. M. Jeffrey	208	803	99	109	...	91	8	...	...
Cumbernauld Kirkintilloch (Landward) ...	M. M. Macdonald	180	1449	163	146	...	20	15	...	...
Old Kilpatrick (Burgh and Landward) ...	E. S. R. Stevenson	565	929	141	318	149	...	...	...	60
Dumbarton (except Notre Dame and West Bridgend Schools)	M. Gilmour	285	1080	71	245	...	...	2	...	40
New Kilpatrick Vale of Leven (Renton Public and St. Martin's)	C. Macnair	319	2253	163	324	30	10	18	4	2
Vale of Leven (except Renton)	J. Scott	441	1473	260	294	25	29	71	11	72
Helensburgh Dumbarton (Notre Dame and West Bridgend Schools)	K. S. Stevenson	526	1848	98	346	...	20	6	4	85
Total ...		2524	9835	995	1782	204	170	120	19	259

## SECTION II.

## REVISED FORM OF REPORT FOR YEAR ENDING 31st JULY, 1943.

## (1) LIST OF STAFF.

(See page 5.)

## (2) GENERAL STATISTICS.

(See page 6.)

## (3) SANITARY CONDITIONS OF SCHOOLS.

(See page 7.)

## (4) ORGANISATION AND ADMINISTRATION.

(See Annual Report for 1939, pp. 50-55.)

## (5) FINDINGS OF MEDICAL INSPECTION.

## A.—General Review.

During the session 5,577 pupils were examined at routine inspections (boys, 2,898 ; girls, 2,867). This number is 1,527 less than the number examined in the previous year. The decrease is due to the absence on sick leave for considerable periods of two of the School Medical Officers.

(1) *The Condition of Clothing*—Only one child was found with insufficient clothing (0·1 per cent.) ; 77 children (1·4 per cent.) had clothing in bad repair, and there were other 19 (0·3 per cent.) whose clothing was in moderately good repair ; 83 children (1·5 per cent.) had dirty clothing, while 24 (0·4 per cent.) had clothing only moderately clean.

(2) *Footgear* was bad in 27 cases (0·4 per cent.), and only moderately good in 14 cases (0·2 per cent.).

(3) *Uncleanliness of head or body*, or both, including such conditions as nits or vermin. Of the routine cases examined 445 (7·8 per cent.) showed evidence of the presence of vermin. Of that number 426 were girls with nits in the hair (15·9 per cent. of girls examined). Only one routine case was found with vermin on the body, though there were 14 such cases among those examined as non-routine cases. The absence of so many mothers from their homes on war work certainly aggravates the lack of cleanliness in the children, though there are still many, even in normal times, whose standard of cleanliness is deplorably low.

(4) *Skin Disease*—Among routine cases 35 (0·6 per cent.) were found suffering from some skin disease of the head, of whom 30 (0·5 per cent.) had Impetigo, and 5 (0·1 per cent.) had Alopecia. There were also 297 (5·3 per cent.) suffering from skin disease of the body, of these 122 (2·2 per cent.) had Scabies, 26 (0·4 per cent.) had Eczema, 1 (0·1 per cent.) had Ringworm, 4 (0·1 per cent.) had Psoriasis, and 37 (0·6 per cent.) had sores on the body. In addition there were 153 non-routine cases of skin disease on the head, mostly Impetigo, and 552 cases of skin disease on the body, more than half of whom suffered from Scabies. Scabies has become so prevalent throughout the country that Public Health Authorities have had to open special clinics for the treatment of this disease. In Dunbartonshire these clinics were established in the First-Aid Posts at Kirkintilloch, Dalmuir, Dumbarton, Alexandria, Bonhill and Helensburgh. The number of cases dealt with at these clinics (including adults) was 226.

During the session only one case of Ringworm was found among the routine cases, but there were 3 cases of ringworm of the scalp among the non-routine cases examined.

(5) *Defective Nutrition*—Among the routine cases examined, the number found above the average was 608 (10.9 per cent.), and the number found below the average was 385 (6.9 per cent.), of whom 14 were classified as very bad (0.2 per cent.). There were no non-routine cases below the average. During the war years the nutrition of the school children has been well maintained.

(6) *The Dental Condition* of the children shows a slight improvement as compared with the previous session. The number of pupils with no teeth decayed was 3,299 (59.2 per cent.); the number with less than 5 teeth decayed was 1,576 (28.2 per cent.), and the number with more than 5 teeth decayed was 702 (12.6 per cent.). 83 children (1.5 per cent.) had oral sepsis; several in this group were suffering from Vincent's Disease, which has definitely been on the increase in the last few years.

(7) *Nose, Throat and Lymphatic Glands*—

(a) *Nose*—Of the 5,577 routine cases examined, 85 (1.5 per cent.) suffered from Catarrh, usually chronic. These were referred to the ear, throat and nose specialist for further investigation. Some of these catarrhs followed the removal of adenoids, and were usually watery. Advice as to diet and medical treatment was given to these. Obstruction of the nose was found in 43 cases (0.7 per cent.). On further investigation the cause of obstruction in many of these cases was found to be adenoids; polypus or deflected septum accounted for most of the others. Other nasal defects were found in 26 cases (0.4 per cent.).

(b) 1. *Tonsils*—Of the 5,577 routine cases examined, 398 had slightly enlarged tonsils. In most of these cases the tonsils were giving no trouble and required no treatment. Some of these pupils had recurring attacks of tonsillitis and were referred to Dr. Fulton Christie for tonsilectomy. There were also 53 non-routine cases with slightly enlarged tonsils.

The tonsils were much enlarged in 358 routine cases (6.4 per cent.), and 70 non-routine cases. These were all sent to the throat and nose specialist for treatment. Of the 5,577 children examined it was found that 795 (14.2 per cent.) had had their tonsils removed.

(b) 2. *Adenoids*—Of the 5,577 routine cases examined, 200 (3.6 per cent.) were found to have adenoids, while 43 (0.7 per cent.) were suspected to have adenoids and were referred to Dr. Fulton Christie for further examination. There were also 64 cases of adenoids, and 15 cases of suspected adenoids among non-routine cases examined. 709 children (12.7 per cent.) had had adenoids removed.

As in former years a record was kept of the results of removal of tonsils and adenoids. These are shown in the table on page 00. The number of such cases which have been reviewed one year after operation is now 3,944. Of these, 3031 (76.9 per cent.) have been classified as satisfactory; 663 (16.8 per cent.) as moderately satisfactory; and 250 (6.3 per cent.) as unsatisfactory. Of the 660 pupils who had adenoids only removed, 300 (45.5 per cent.) had a satisfactory result; 229 (34.7 per cent.) had a moderately satisfactory result; and 131 (19.8 per cent.) were unsatisfactory.

A record is also being kept of the late results of removal of tonsils and adenoids, or adenoids only. The number now examined is 410. The details are shown in the table on page 00. Of the 410 re-examined, 388 had been satisfactory, and 22 unsatisfactory. The period elapsing between the operation and the re-examination varied from 5 to 10 years.

(c) *Lymphatic Glands*—Submaxillary and Cervical—Of the 5,577 routine cases examined, 187 (3·3 per cent.) had slightly enlarged sub-maxillary glands, and 21 (0·4 per cent.) had these glands markedly enlarged. There were also 15 and 3 non-routine cases respectively. The commonest causes for the enlargement of these glands are tonsillar conditions, and cutting teeth.

The Cervical Glands were slightly enlarged in 26 routine cases (0·5 per cent.), and markedly enlarged in 1 case (0·1 per cent.). There were also 10 non-routine cases of slight enlargement, and 1 case of marked enlargement. The commonest causes of this enlargement are scalp conditions such as impetigo and vermin or nits.

(8) *Eye Conditions*—Of the 5,577 routine cases examined, 183 (3·2 per cent.) suffered from squint, 53 (0·9 per cent.) had Blepharitis, 10 (0·2 per cent.) had conjunctivitis, 4 (0·1 per cent.) had corneal opacities, and 24 (0·4 per cent.) suffered from other conditions. Among the non-routine cases, 23 had squint, 22 had blepharitis, 20 had conjunctivitis, 7 had corneal opacities, and 22 suffered from other conditions. At the end of May the Orthoptic treatment of squints came to a stand-still because of the resignation of Miss Marsh, who left to take up an appointment in Brighton. It has been found impossible to find a successor, but every effort is being made to find one. In the meantime this valuable treatment must be written down as a war casualty.

The vision of infants was not tested at the routine examinations. Of the 3,701 pupils whose vision was tested, 3,364 (90·9 per cent.) had good vision, 201 (5·4 per cent.) had fair vision, while 136 (3·7 per cent.) had bad vision; 140 pupils (3·7 per cent.) had bad vision in one eye only. There were also 96 non-routine cases with bad vision. Pupils with bad vision or bad vision in one eye were referred to Dr. Tennent. Pupils in the Infants Department, whose vision is not examined at the routine inspections, but who are suspected to have defective vision, are also referred to Dr. Tennent. This is also done with pupils whose vision is apparently normal, but who suffer from conditions such as headaches, which may be ocular in origin.

(9) *Ear Conditions*—Of the 5,577 Routine cases examined, 81 (1·4 per cent.) were suffering from ear conditions requiring treatment. 56 of these (0·9 per cent.) had Otorrhoea, 10 (0·2 per cent.) wax in one or both ears, and 15 (0·2 per cent.) suffered from other conditions such as polypus, foreign body in the ear, etc. There were also 39 non-routine cases with Otorrhoea, 6 with wax in the ears, and 17 with other ear conditions. Wax in the ear was only noted when it was sufficient to cause deafness.

There were 48 routine cases (0·8 per cent.) classified as slightly deaf, and 16 (0·3 per cent.) classified as very deaf. In addition, 8 non-routine cases were classified as slightly deaf, and 11 non-routine cases as very deaf. Many of the cases of slight deafness clear up after the removal of enlarged tonsils and adenoids.

(10) *Defective Speech* was present in 40 routine cases examined. Of this number, 24 (0·4 per cent.) had defective articulation, and 16 (0·2 per cent.) were stammerers. There were 2 non-routine cases. During the session, Miss Kenny carried on the treatment of these in Dumbarton and Vale of Leven. Of the 183 cases dealt with, 30 left before treatment was completed, 53 were discharged as cured, and 100 were retained for further treatment. The details of the procedure are given in the previous Annual Report.

(11) *Mental and Nervous Conditions*—Of the 5,577 routine cases examined, 30 (0·5 per cent.) were found to be suffering from diseases of the nervous system. Of these, 3 (0·1 per cent.) had epilepsy, 7 (0·1 per cent.) had chorea, 14 (0·2 per cent.) had infantile paralysis, and 6 (0·1 per cent.) showed evidence of other conditions. Among the non-routine cases there were five pupils with epilepsy, 12 with chorea, and 1 with infantile paralysis, and 1 with other nervous disease, a total of 19.

Table 7—Q showing the number of Backward and Mentally Deficient Children is of no value whatever as the Medical Officers have no means of knowing which children are backward until the question of the child's mental condition comes up for decision. The number of routine cases returned as backward was 45 (0·8 per cent.), and as mentally defective 1 (0·1 per cent.).

Two non-routine cases were classified as backward.

These figures do not include children in the Special Schools.

(12) *Heart Conditions*—Of the 5,577 routine cases examined, 44 (0·7 per cent.) were found to have heart disease, either organic or functional. Of these, 39 (0·6 per cent.) had organic disease (7 congenital, 32 acquired), while 5 cases (0·1 per cent.) had a functional condition.

There were also 6 non-routine cases of heart disease, 1 congenital, 2 acquired, and 3 functional.

During the present session it has again not been found possible to continue the "following-up" and regular re-examination of cases showing evidence of heart weakness.

(13) *Lung Conditions*—There were 145 cases of lung conditions (2·6 per cent.) among the routine cases examined. Of these, 94 (1·7 per cent.) had bronchial catarrh, 34 (0·6 per cent.) had bronchitis, and 17 (0·3 per cent.) had asthma. Among the non-routine cases, 17 had bronchial catarrh, 18 had bronchitis, 1 had tuberculosis, and 14 had asthma. There is the closest co-operation between the School Medical Officers and the Tuberculosis Officers, and all cases in which there is the slightest suspicion of tuberculosis are referred to the Tuberculosis Officers for an opinion.

(14) *Deformities*—Deformities were present in 184 cases, only 3 (0·1 per cent.) being due to rickets. Of the remainder, 19 (0·3 per cent.) were congenital conditions, and 162 (2·9 per cent.) were acquired. There were also 20 non-routine cases, of which 4 were congenital. The acquired cases consisted of postural deformities, such as Kyphosis, scoliosis, flat foot, and conditions following infantile paralysis.

Suitable cases were referred to the Orthopaedic Staff for treatment, and further particulars will be found on page 36.

(15) *Infectious Diseases*—Among the routine cases examined, 6 were found to be suffering from infectious disease, 1 from scarlet fever, 1 from whooping cough, 2 from chickenpox, 1 from German measles, and 1 from mumps. There were 12 cases of infectious disease among the non-routine cases (whooping cough, 3 ; chickenpox, 8 ; mumps, 1).

(16) *Other Diseases and Defects*—These were noted in 241 routine cases examined, of which 8 (0·1 per cent.) had hernia, and 233 (4·2 per cent.) showed other diseases. Two routine cases and two non-routine showed evidence of non-pulmonary tuberculosis. There were 281 non-routine cases who showed evidence of other diseases.

## (6) MEDICAL TREATMENT.

The details in connection with the following sub-headings will be found in the body of the report on the pages indicated against each item. It is quite impossible to ascertain accurately how many children in these groups received treatment privately or through a voluntary hospital under arrangements made by parents.

**A.—Minor Ailments :**(1), (2), (3), and (4). See "Treatment of Minor Ailments" on page 39.

**B.—Defective Vision and Squint :** See tables "Ophthalmic Treatment of School Children," pages 42, and 43 ; also "Report on Orthoptic Treatment" on page 44.

**C.—Nose and Throat (Operative Treatment) :** See table "Throat, Nose and Ear Clinics" on page 40.

## (7) DENTAL TREATMENT.

The information required is contained in table "Dental Treatment," page 41, and also in Table V., "Dental Inspection and Treatment."

## (8) SPECIAL SCHOOLS AND CLASSES.

Particulars regarding the facilities in use for exceptional children will be found on page 33 of this Report.

There were no holiday camps during the present session, but Cardross Park Home, opened in June, 1941, for the accommodation of evacuee children, and now available for children of all ages, convalescent from illness or requiring special care, has proved increasingly useful during the present session. There is accommodation for some forty children, and there is now a teacher for those able to do lessons.

During the session, 98 children have been admitted, 21 evacuees and 77 others, for varying periods, with excellent results.

## (9) ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

This subject is referred to on page 34.

## (10) OTHER ACTIVITIES IN RELATION TO THE HEALTH OF SCHOOL CHILDREN.

On page 34 and succeeding pages are recorded particulars regarding the Feeding of School Children under the Local Authority Schemes, Employment of School Children, and the Admission of Children to Approved Schools, in so far as these affect the work of the School Medical Officers.

For some years the School Medical Officers have been investigating the results of the removal of tonsils and/or adenoids, as shown at about a year after the operation, and the cumulative findings of these enquiries are embodied in the table printed on page 38. For the fifth session in succession this enquiry has been extended to children who had been operated on at varying periods up to ten years previously, and the data will be found on page 37.

The work of the Orthopaedic Clinics will be found detailed on page 36.

A Clinic was opened in Helensburgh during the present session, with an immediate improvement in attendance.

Clinics for the treatment of Scabies have also been in operation since August, 1943.

## (5) FINDINGS OF MEDICAL INSPECTION.

## .—Statistical Tables.

TABLE I.

Total number of children examined at :—

					(a) Systematic Examinations.	Other Systematic Examinations.
Ordinary Schools	Entrants ... ..	...	...	...	1876	—
	Second Age Group	...	...	...	1665	—
	Third Age Group	...	...	...	1885	—
	Fourth Age Group	...	...	...	—	—
Secondary Schools	Age Group	...	...	...	151	—
Total				...	<u>5577</u>	<u>Nil</u>

					(b) Other Examinations.
Special Cases	...	...	...	...	1828
Re-inspections by Medical Officer					<u>7246</u>
Total	...				<u>9074</u>

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanness and dental caries).

Entrants	...	...	...	...	598
Second Age-Group	...	...	...	...	582
Third Age-Group	...	...	...	...	555
Fourth Age-Group	...	...	...	...	—
Secondary Age-Group	...	...	...	...	44
Other Systematic Examinations					<u>—</u>
Total	...				<u>1779</u>

Table II.—See page 53.

Table III.—See page 54a.

Table IV.—Return of All Exceptional Children of School Age in the Area.

It has not been found possible to give the details required by this table with sufficient accuracy, and the table is therefore omitted.

TABLE V.—DENTAL INSPECTION AND TREATMENT.

Number of children who were :—

(1) Inspected by the Dental Officers.

Age.	(a) Systematic Examinations.	(b) Special or Emergency Cases.	Total.
5	1814	139	1953
6	1970	96	2066
7	1929	72	2001
8	1621	97	1718
9	1947	97	2044
10	1446	101	1547
11	1418	121	1539
12	844	72	916
13	1138	109	1247
14	33	44	77
15	—	30	30
16	—	14	14
17	—	4	4
Totals ...	<u>14,160</u>	<u>996</u>	<u>15,156</u>

	Systematic Examinations.	Special or Emergency Cases.	Total
(2) Found to require treatment ...	9267	996	10263
(3) Actually treated by School Dental Officers ... ..	5289	996	6285
(4) Number of Attendances made by children for treatment ...	9991	1626	11617
(5) Fillings* (a) Permanent Teeth ...	3151	393	3544
(b) Temporary Teeth ...	105	20	125
(6) Extractions (a) Permanent Teeth	1740	348	2088
(b) Temporary Teeth	8092	1616	9708
(7) Number of Administrations of a general anaesthetic for extractions	1001	66	1067
(8) Other operations*			
(a) Permanent Teeth ...	2724	633	3357
(b) Temporary Teeth ...	287	1	288
(9) Half-days devoted to (a) Inspection	103	—	103
(b) Treatment	1242	249	1491
(10) Children treated under private arrangements ... ..	(No accurate information is available)		

\*Temporary fillings whether in permanent or temporary teeth should be recorded as "other operations."

TABLE III.—SYSTEMATIC MEDICAL EXAMINATIONS.

Classification.	Entrants.		Second Age-Group.		Third Age-Group.		Fourth Age-Group.		Total	
	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined at Systematic Examinations
I.—Children free from Defects	1101	58.8	907	54.5	1063	56.4	89	59.0	3160	56.6
II.—Children (otherwise free from defects) who suffer from:—										
(a) Defective Vision not worse than 6/12 in the better eye with or without glasses.	22	1.1	74	4.5	90	4.8	7	4.7	193	3.5
(b) Conditions of the Mouth and Teeth requiring treatment	176	9.3	176	10.6	267	14.2	18	11.9	637	11.4
(c) Both (a) and (b) ...	1	0.1	18	1.0	28	1.4	6	4.0	53	1.0
Total ...	199	10.5	268	16.1	385	20.4	31	20.6	883	15.9
III.—Children suffering from Ailments (other than those mentioned in II.) from which complete recovery is expected within a few weeks ... ..	476	25.4	369	22.2	276	14.6	17	11.2	1138	20.4
IV.—Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II. and III., distinguishing cases:—										
(a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible ... ..	69	3.6	96	5.7	100	5.3	11	7.2	276	5.0
(b) Where improvement only is considered possible, e.g., without complete restoration of function ... ..	31	1.7	25	1.5	61	3.3	3	2.0	120	2.1
Total ... ..	100	5.3	121	7.2	161	8.6	14	9.2	396	7.1
Total Number of Children Examined ... ..	1876		1665		1885		151		5577	



Return of Number and Percentage of Individual Children in each Age-Group suffering from Particular Defects.

Total Examined at all Ages—5577.

Total examined in each age group—by sexes.	Entrants.				Second Age-Group.				Third Age-Group.				Fourth Age-Group.				All Ages.			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Number showing defects.	973		993		857		808		980		905		88		63		2898		2679	
Nature of Defect.																				
1. Clothing Unsatisfactory	12	...	14	...	27	...	20	...	3	...	2	...	...	...	...	...	42	...	36	...
2. Footgear Unsatisfactory	3	...	2	...	22	...	14	...	7	...	...	...	...	...	...	...	32	...	16	...
3. Uncleanliness (Head, Body, or both)	5	...	101	...	9	...	166	...	4	...	159	...	...	...	...	...	18	...	426	...
4. Skin (Head and/or Body)	63	...	49	...	60	...	38	...	59	...	52	...	5	...	6	...	187	...	145	...
5. Defective Nutrition	81	...	84	...	73	...	86	...	43	...	23	...	...	...	1	...	197	...	194	...
6. Mouth and Teeth Unhealthy	208	...	187	...	159	...	171	...	219	...	205	...	19	...	14	...	605	...	577	...
7. Nose, Throat and/or Glands	76	...	51	...	41	...	42	...	16	...	18	...	1	...	...	...	134	...	111	...
8. Eye Conditions	41	...	43	...	56	...	93	...	58	...	63	...	5	...	8	...	160	...	207	...
9. Ear Conditions	15	...	21	...	16	...	9	...	12	...	7	...	...	...	...	...	43	...	37	...
10. Defective Speech	9	...	2	...	11	...	4	...	10	...	5	...	1	...	...	...	31	...	11	...
11. Mental and Nervous Conditions	4	...	7	...	16	...	4	...	12	...	3	...	...	...	...	...	32	...	14	...
12. Heart Conditions	4	...	3	...	4	...	12	...	6	...	11	...	...	...	...	...	14	...	26	...
13. Lung Conditions	40	...	28	...	22	...	22	...	20	...	11	...	2	...	...	...	84	...	61	...
14. Deformities	34	...	14	...	38	...	36	...	36	...	25	...	3	...	2	...	109	...	77	...
15. Infectious Diseases	4	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	4	...	2	...
16. Other Diseases or Defects	45	...	36	...	45	...	32	...	35	...	40	...	3	...	2	...	128	...	110	...

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COUNTY COUNCIL OF DUNBARTON.

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# Thirty-third Annual Report

on the

MEDICAL INSPECTION OF  
SCHOOL CHILDREN.

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1943-1944.

(Year ending 31st July, 1944).

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KIRKINTILLOCH

PRINTED BY D. MACLEOD, LTD.



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## County Council of Dunbarton.

## SCHOOL MEDICAL STAFF.

**Supervising School Medical Officer.**

T. LAUDER THOMSON, M.D., D.P.H.

(Resigned 28th December, 1943).

SAMUEL HARVEY, M.B., Ch.B., M.R.C.P. (Edin.), D.P.H.

**School Medical Officers.**

MILDRED M. L. CATHELS, M.B., Ch.B., D.P.H.

ANDREW D. COWAN, M.B., Ch.B., D.P.H.

CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (part-time).

**Dental Surgeons.**

ELIZABETH McKENDRICK, L.D.S.

VERA PUGH, L.D.S.

JOHN H. N. MACDONALD, L.D.S.

(Resigned 10th December, 1943).

FELIX A. CASSIDY, L.D.S.

Mrs. MARY W. DINN, L.D.S.

(Commenced 5th April, 1944).

**Ophthalmic Surgeon.**

JAMES N. TENNENT, M.B., D.O.M.S., B.Sc. (part-time).

**Ear, Nose and Throat Specialist.**

J. FULTON CHRISTIE, M.B., Ch.B., F.R.F.P.S. (part-time).

**Nurse in Charge, Orthopaedic Clinics.**

MORAG GALLOWAY.

**Instructresses at Orthopaedic Clinics (Part-time).**

M. JOCKEL. J. S. HOWATT. A. McF. MALCOLM (Commenced 10th January, 1944).

**Orthoptist.**

CAROL RICHARDSON (Commenced 16th January, 1944).

**Inspection and Clinic Nurses.**

C. M. JEFFREY.

M. GILMOUR.

E. S. R. STEVENSON.

(Resigned 15th April, 1943).

J. SCOTT.

K. STEVENSON.

M. MACDONALD.

C. MACNAIR.

M. C. COWPER. (Resigned 15th February, 1944).

A. GEE.

C. ROBERTSON.

(Commenced 21st February, 1944).

(Commenced 16th May, 1944).

**Nurses for Special Schools.**

J. MACDONALD. C. ROGERS.

**Dental Attendants.**

ANNIE J. RAE.

WILLIAM BENNIE.

JAMES GALLACHER.

ANNIE BLACK.

(On Active Service).

ELIZ. MARTIN.

(Resigned 15th August, 1943).

ELIZABETH ROLLO (Commenced 15th November, 1943).

**Attendant at Orthopaedic Clinics.**

ELIZABETH ROLLO (Transferred 16th November, 1943).

MARGARET C. BLACK (Commenced 15th November, 1943).

**Clerks.**

GEORGE S. BROWNE.

BELLA J. N. AIRTH.

# REPORT

on the

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN  
THE COUNTY OF DUNBARTON.

## 1.—List of Staff.

See Page 5.

## 2.—(a) Number of Schools.

### School Management Area.

Cumbernauld ... ..	...	...	...	...	...	...	...	4
Kirkintilloch ... ..	...	...	...	...	...	...	...	6
New Kilpatrick ... ..	...	...	...	...	...	...	...	4
Old Kilpatrick ... ..	...	...	...	...	...	...	...	10
Dumbarton ... ..	...	...	...	...	...	...	...	9
Vale of Leven ... ..	...	...	...	...	...	...	...	12
Helensburgh ... ..	...	...	...	...	...	...	...	13
Total ... ..	...	...	...	...	...	...	...	58

### (b) Number of Children on Register and in Average Attendance during Session 1943-44.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld ... ..	869.4	Reliable detailed figures are not available on account of the emergency conditions prevailing.	...
Kirkintilloch ... ..	3,365.5		...
New Kilpatrick ... ..	1,815.6		...
Old Kilpatrick ... ..	5,262.0		...
Dumbarton ... ..	4,560.4		...
Vale of Leven ... ..	3,302.8		...
Helensburgh ... ..	1,808.5		...
Total ... ..	20,984.2	...	...

### 3.—Number of Visits for Systematic Examinations.

**Note.**—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above ... .. 452

### 4.—Number of Special Visits by Medical Officers.

For re-examination of defective children ... ..	14
For examination of backward, or mentally, or physically defective children ... ..	50
Attendances at Clinics ... ..	444
Attendance for Office Work, etc. ... ..	66
For inquiry regarding infectious diseases ... ..	3
Others ... ..	32
<b>Total ...</b>	<b>609</b>

### 5.—Sanitary Condition of Schools.

In view of present circumstances, all major improvements of sanitary fittings such as the modernising of lavatories, have been delayed. The County Architect's Department have, however, been able to maintain a reasonably good standard of cleanliness in all the schools, and quite a considerable amount of painting and washing down has been carried out during the war years. Replacement of broken and defective sanitary fittings has been possible, and the school lavatories have been limewashed and painted at regular intervals. At several schools the old drinking wells have been replaced by the modern type of drinking fountain, and these are proving very satisfactory.

### 6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-operation with Public Health Departments.

Full particulars regarding these matters are included in Section 4 of the revised report, page 50 of the Annual Report 1938-39.

### 6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No of Parents Present at Non-Routine Examinations.
Cumbernauld ...	221	104	47·0	19
Kirkintilloch ...	1090	408	37·4	350
New Kilpatrick	487	214	43·9	50
Old Kilpatrick	1818	935	51·4	303
Dumbarton ...	1377	579	42·0	316
Vale of Leven	1033	601	58·2	286
Helensburgh ...	508	254	50·0	166
<b>Total ...</b>	<b>6534</b>	<b>3095</b>	<b>47·3</b>	<b>1490</b>

# 7.—THE PHYSICAL CONDITION OF THE SCHOOL CHILDREN.

A.—Total Number of Children Examined.

SCHOOL MANAGEMENT AREA	ROUTINE CASES.														
	Entrants			Age 8			Age 13			Age 16			Total		
	Aver. age	Boys	Girls	Total	Aver. age	Boys	Girls	Total	Aver. age	Boys	Girls	Total	Boys	Girls	Total
Cumbernauld	5 $\frac{1}{2}$	53	49	102	8 $\frac{0}{2}$	38	43	81	13 $\frac{1}{2}$	23	15	38	114	107	221
Kirkintilloch	5 $\frac{5}{2}$	177	182	359	8 $\frac{9}{2}$	153	155	308	13 $\frac{0}{2}$	189	201	390	535	555	1090
New Kilpatrick	5 $\frac{6}{2}$	75	86	161	8 $\frac{8}{2}$	81	89	170	13 $\frac{6}{2}$	61	66	127	227	260	487
Old Kilpatrick	5 $\frac{5}{2}$	395	357	752	8 $\frac{1}{2}$	293	307	600	13 $\frac{7}{2}$	236	230	466	924	894	1818
Dumbarton ...	5 $\frac{5}{2}$	215	233	448	9 $\frac{6}{2}$	161	153	314	13 $\frac{4}{2}$	295	262	557	696	681	1377
Vale of Leven	5 $\frac{6}{2}$	216	215	431	8 $\frac{6}{2}$	178	170	348	13 $\frac{6}{2}$	125	118	243	526	507	1033
Helensburgh ...	5 $\frac{6}{2}$	100	93	193	8 $\frac{6}{2}$	83	74	157	13 $\frac{1}{2}$	77	57	134	275	233	508
Total ...	5 $\frac{6}{2}$	1231	1215	2446	8 $\frac{8}{2}$	987	991	1978	13 $\frac{0}{2}$	1006	949	1955	3297	3237	6534
										73	82	155			2200

School Management Area		No. of Routine cases examined	SUFFICIENCY						REPAIR						CLEANLINESS					
			Good		Medium		Bad		Non-Routine	Good		Medium		Non-Routine	Good		Medium		Non-Routine	
			No.	%	No.	%	No.	%		No.	%	No.	%		No.	%	No.	%		
Cumbernauld	Boys	114	100 0	...	...	...	...	...	...	114	100 0	...	...	...	114	100 0	...	...	...	...
	Girls	107	100 0	...	...	...	...	...	...	107	100 0	...	...	...	107	100 0	...	...	...	...
	Total	221	221 100 0	...	...	...	...	...	...	221	100 0	...	...	...	221	100 0	...	...	...	...
Kirkintilloch	Boys	535	535 100 0	...	...	...	...	...	...	535	99 6	...	...	...	530	99 1	...	...	...	...
	Girls	555	555 100 0	...	...	...	...	...	...	555	100 0	...	...	...	555	100 0	...	...	...	...
	Total	1090	1092 100 0	...	...	...	...	...	...	1088	99 8	...	...	...	1085	99 6	...	...	...	...
New Kilpatrick	Boys	227	227 100 0	...	...	...	...	...	...	227	100 0	...	...	...	227	100 0	...	...	...	...
	Girls	260	260 100 0	...	...	...	...	...	...	260	100 0	...	...	...	260	100 0	...	...	...	...
	Total	487	487 100 0	...	...	...	...	...	...	487	100 0	...	...	...	487	100 0	...	...	...	...
Old Kilpatrick	Boys	924	924 100 0	...	...	...	...	...	...	908	98 3	...	...	...	905	98 1	...	...	...	...
	Girls	894	894 100 0	...	...	...	...	...	...	880	98 6	...	...	...	879	98 4	...	...	...	...
	Total	1818	1818 100 0	...	...	...	...	...	...	1788	98 4	...	...	...	1784	98 1	...	...	...	...
Dumbarton	Boys	696	695 99 9	...	...	...	...	...	...	694	99 7	...	...	...	695	100 0	...	...	...	...
	Girls	681	681 100 0	...	...	...	...	...	...	681	100 0	...	...	...	681	100 0	...	...	...	...
	Total	1377	1376 99 9	...	...	...	...	...	...	1375	99 9	...	...	...	1377	100 0	...	...	...	...
Vale of Leven	Boys	526	526 100 0	...	...	...	...	...	...	511	97 2	...	...	...	511	97 2	...	...	...	...
	Girls	507	507 100 0	...	...	...	...	...	...	490	96 7	...	...	...	488	96 3	...	...	...	...
	Total	1033	1033 100 0	...	...	...	...	...	...	1001	97 0	...	...	...	999	96 7	...	...	...	...
Helensburgh	Boys	275	275 100 0	...	...	...	...	...	...	269	97 8	...	...	...	269	97 8	...	...	...	...
	Girls	233	233 100 0	...	...	...	...	...	...	230	98 7	...	...	...	230	98 7	...	...	...	...
	Total	508	508 100 0	...	...	...	...	...	...	499	98 2	...	...	...	499	98 2	...	...	...	...
Total	Boys	3397	3296 99 9	...	...	...	...	...	...	3256	98 8	...	...	...	3252	98 6	...	...	...	...
	Girls	3237	3237 100 0	...	...	...	...	...	...	3203	98 9	...	...	...	3200	98 8	...	...	...	...
	Total	6534	6533 99 9	...	...	...	...	...	...	6459	98 8	...	...	...	6452	98 7	...	...	...	...

## 7.—E. FOOTGEAR.

School Management Area	Number Examined.	ROUTINE CASES										NON-ROUTINE	
		Good		Medium		Bad		None		None	Bad	None	Bad
		No.	%	No.	%	No.	%	No.	%				
Cumbernauld	Boys	114	100.0	...	...	...	...	...	...	...	...	...	...
	Girls	107	100.0	...	...	...	...	...	...	...	...	...	...
	Total	221	100.0	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	Boys	535	99.4	2	0.4	1	0.2	...	...	...	...	...	...
	Girls	555	99.8	1	0.2	...	...	...	...	...	...	...	...
	Total	1090	99.6	3	0.3	1	0.1	...	...	...	...	...	...
New Kilpatrick	Boys	227	100.0	...	...	...	...	...	...	...	...	...	...
	Girls	260	100.0	...	...	...	...	...	...	...	...	...	...
	Total	487	100.0	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	Boys	924	98.5	1	0.1	13	1.4	...	...	...	...	...	...
	Girls	894	99.2	...	...	7	0.8	...	...	...	...	...	...
	Total	1818	98.8	1	0.1	20	1.1	...	...	...	...	...	...
Dumbarton	Boys	696	98.5	1	0.1	10	1.4	...	...	...	...	...	...
	Girls	681	100.0	...	...	...	...	...	...	...	...	...	...
	Total	1377	99.2	1	0.1	10	0.7	...	...	...	...	...	...
Vale of Leven	Boys	526	97.9	2	0.4	9	1.7	...	...	...	...	...	...
	Girls	507	98.4	...	...	8	1.6	...	...	...	...	...	...
	Total	1033	98.2	2	0.2	17	1.6	...	...	...	...	...	...
Helensburgh	Boys	275	98.6	...	...	4	1.4	...	...	...	...	...	...
	Girls	233	100.0	...	...	...	...	...	...	...	...	...	...
	Total	508	99.2	...	...	4	0.8	...	...	...	...	...	...
Total ...	Boys	3297	98.7	6	0.2	37	1.1	...	...	...	...	...	...
	Girls	3237	99.5	1	0.1	15	0.4	...	...	...	...	...	...
	Total	6534	99.1	7	0.1	52	0.8	...	...	...	...	...	...

7.—B. Number of Children notified to Parents as suffering from Defects.

10a

School Management Area		Cumbernauld			Kirkintilloch			New Kilpatrick			Old Kilpatrick			Dumbarton			Vale of Leven			Helensburgh			Total		
Number of Routine Cases Examined		221			1090			487			1818			1377			1033			508			6534		
Card	Defect	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
A.	Vermin or Nits on Head ...	6	2.7	...	30	2.7	...	...	...	...	165	9.0	2	169	12.3	...	110	10.6	...	40	7.8	...	520	7.9	...
G.	Vermin on Clothing ...	...	...	...	1	0.1	...	...	...	...	1	0.1	...	...	...	...	...	...	...	1	0.1	...	3	0.1	...
J.	Unsatisfactory Footgear ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
K.	Unsatisfactory Clothing ...	...	...	...	4	0.3	...	...	...	...	13	0.7	...	8	0.6	...	...	...	...	3	0.6	...	28	0.4	...
D.	Tonsils and Adenoids ...	7	3.1	1	45	4.1	...	25	5.1	7	150	8.2	62	156	11.3	32	91	8.8	58	77	15.0	14	551	8.4	160
E.	Ear Disease ...	1	0.4	...	10	0.9	...	...	...	...	20	1.1	7	23	1.6	...	37	3.6	3	8	1.5	...	99	1.5	10
H.	Defective Vision and Eye Disease	11	5.0	4	120	11.0	9	54	11.1	8	210	11.5	23	206	14.9	18	65	6.3	42	47	9.1	37	713	10.9	141
U.M.T.	Already under Treatment ...	4	1.8	...	25	2.2	...	12	2.4	...	28	1.5	2	...	...	...	...	...	...	3	0.6	...	72	1.1	2
	For Orthopædic or Ultra-Violet Light Treatment ...	...	...	...	17	1.5	1	13	2.6	...	13	0.7	1	12	0.8	...	1	0.1	...	1	0.1	...	57	0.8	2
P.A.	Parents Advised ...	15	6.8	19	73	6.7	350	35	7.2	50	525	28.9	303	579	42.1	316	498	48.2	286	253	49.8	166	1978	30.2	1490



SCHOOL MANAGEMENT AREA	No. of Routine Cases exam- ined	ROUTINE CASES										NON-ROUTINE CASES			
		Head					Body					Head		Body	
		Nits		Vermin		% %	Nits		Vermin		% %	Nits	Vermin	Nits	Vermin
		No.	%	No.	%		No.	%	No.	%					
Cumbernauld	Boys	114	...	...	...	...	...	...	...	...	...	...	...	...	...
	Girls	107	4	3.7	...	...	...	...	...	...	...	...	...	...	...
	Total	221	4	1.8	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	Boys	535	2	0.4	...	...	...	...	...	...	...	...	...	...	...
	Girls	555	29	5.3	0.4	...	...	...	...	...	...	...	...	...	...
	Total	1090	31	2.8	0.2	...	...	...	...	...	...	2	...	...	...
New Kilpatrick	Boys	227	...	...	...	...	...	...	...	...	...	...	...	...	...
	Girls	260	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	487	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	Boys	924	6	0.6	...	...	...	...	...	...	...	...	...	...	...
	Girls	894	160	17.2	4	0.4	...	...	...	...	...	...	...	...	...
	Total	1818	166	9.1	4	0.2	...	...	...	...	...	3	...	...	1
Dumbarton	Boys	696	6	0.9	1	0.1	...	...	...	...	...	...	...	...	...
	Girls	681	170	24.8	...	...	...	...	...	...	...	...	...	...	...
	Total	1377	176	12.8	1	0.1	...	...	...	...	...	1	3	...	...
Vale of Leven	Boys	526	4	0.7	...	...	...	...	...	...	...	...	...	...	...
	Girls	507	114	22.4	2	0.4	...	...	...	...	...	...	...	...	...
	Total	1033	118	11.3	2	0.2	...	...	...	...	...	2	2	...	...
Helensburgh	Boys	275	3	1.1	...	...	...	...	...	...	...	...	...	...	...
	Girls	233	38	13.7	1	0.4	...	...	...	...	...	...	...	...	...
	Total	508	41	7.8	1	0.2	...	...	...	...	...	...	...	...	...
Total	Boys	3297	21	0.6	1	0.1	...	...	...	...	...	...	...	...	...
	Girls	3237	515	15.9	9	0.3	...	...	...	...	...	...	...	...	...
	Total	6534	536	8.2	10	0.1	...	...	...	...	...	8	5	...	1

7.—G. CLEANLINESS OF HEAD AND BODY.  
(b) Cleanliness.

SCHOOL MANAGEMENT AREA	No. of Rou- tine Cases exam- ined	ROUTINE CASES.										NON- ROUTINE			
		Head				Body						Head	Body		
		Good		Medium		Bad		Good		Medium				Bad	
		No.	%	No.	%	No.	%	No.	%	No.	%			No.	%
		Cumbernauld	Boys	114	99.1	1	0.9	...	107	93.8	6			5.3	1
	Girls	107	99.1	1	0.9	...	105	98.1	2	1.9	...	...	...	...	
	Total	221	99.1	2	0.9	...	212	96.0	8	3.6	1	0.4	...	...	
Kirkintilloch	Boys	535	97.9	9	1.7	2	504	94.4	27	4.9	4	0.7	...	...	
	Girls	555	97.9	11	1.9	1	534	96.2	19	3.4	2	0.4	...	...	
	Total	1090	97.9	20	1.8	3	1038	95.3	46	4.2	6	0.5	...	...	
New Kilpatrick	Boys	227	100.0	...	...	...	227	100.0	...	...	...	...	...	...	
	Girls	260	100.0	...	...	...	260	100.0	...	...	...	...	...	...	
	Total	487	100.0	...	...	...	487	100.0	...	...	...	...	...	...	
Old Kilpatrick	Boys	924	97.4	17	1.8	7	876	94.8	35	3.8	13	1.4	...	...	
	Girls	894	97.8	16	1.7	5	866	96.9	20	2.2	8	0.9	...	...	
	Total	1818	97.6	33	1.8	12	1742	95.9	55	3.0	21	1.1	...	...	
Dumbarton	Boys	696	99.5	1	0.1	3	685	97.6	1	0.1	10	1.4	...	...	
	Girls	681	100.0	...	...	...	681	100.0	...	...	...	...	...	...	
	Total	1377	99.7	1	0.1	3	1366	99.2	1	0.1	10	0.7	...	...	
Vale of Leven	Boys	526	99.4	...	...	3	520	98.9	...	...	6	1.1	...	...	
	Girls	507	99.6	...	...	2	503	99.2	1	0.2	3	0.6	...	...	
	Total	1033	99.5	...	...	5	1023	99.1	1	0.1	9	0.8	...	...	
Helensburgh	Boys	275	98.9	...	...	3	272	98.9	...	...	3	1.1	...	...	
	Girls	233	100.0	...	...	...	233	100.0	...	...	...	...	...	...	
	Total	508	99.4	...	...	3	505	99.4	...	...	3	0.6	...	...	
Total	Boys	3297	98.6	28	0.8	18	3191	96.8	69	2.1	37	1.1	...	...	
	Girls	3237	99.0	28	0.8	8	3182	98.3	42	1.3	13	0.4	...	...	
	Total	6534	98.8	56	0.8	26	6373	97.6	111	1.7	50	...	...	...	

7.—F. Average Heights and Weights in Inches and Pounds.

11A

11A

School Management Area	BOYS																GIRLS															
	Entrants				Age 8				Age 13				Age 16				Entrants				Age 8				Age 13				Age 16			
	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight
Cumbernauld...	53	5 $\frac{1}{2}$	41-4	41-3	38	8 $\frac{1}{2}$	50-0	58-2	23	13 $\frac{1}{2}$	58-3	87-3	...	...	...	...	49	5 $\frac{1}{2}$	40-7	39-6	43	8 $\frac{1}{2}$	46-1	52-5	15	13 $\frac{1}{2}$	60-2	92-5	...	...	...	...
Kirkintilloch ...	177	5 $\frac{1}{2}$	42-0	41-7	153	8 $\frac{1}{2}$	49-4	57-5	189	13 $\frac{1}{2}$	58-3	87-4	16	16 $\frac{1}{2}$	66-4	126-6	182	5 $\frac{1}{2}$	41-5	38-6	155	8 $\frac{1}{2}$	49-0	55-4	201	13 $\frac{1}{2}$	60-0	94-8	17	16 $\frac{1}{2}$	67-4	118-3
New Kilpatrick	75	5 $\frac{1}{2}$	42-8	43-4	81	8 $\frac{1}{2}$	50-6	59-3	61	13 $\frac{1}{2}$	61-7	92-4	10	16 $\frac{1}{2}$	68-2	133-4	86	5 $\frac{1}{2}$	42-9	44-8	89	8 $\frac{1}{2}$	49-9	57-5	66	13 $\frac{1}{2}$	60-1	95-3	19	16 $\frac{1}{2}$	63-0	117-2
Old Kilpatrick	395	5 $\frac{1}{2}$	42-8	42-3	293	8 $\frac{1}{2}$	49-5	56-5	236	13 $\frac{1}{2}$	54-2	88-6	...	...	...	...	357	5 $\frac{1}{2}$	42-0	41-1	307	8 $\frac{1}{2}$	48-9	54-7	230	13 $\frac{1}{2}$	59-0	94-1	...	...	...	...
Dumbarton ...	215	5 $\frac{1}{2}$	42-7	42-0	161	9 $\frac{1}{2}$	51-2	61-0	295	13 $\frac{1}{2}$	58-9	86-1	25	16 $\frac{1}{2}$	68-3	129-6	233	5 $\frac{1}{2}$	43-0	41-4	153	9 $\frac{1}{2}$	50-6	59-2	262	13 $\frac{1}{2}$	59-5	91-5	33	16 $\frac{1}{2}$	62-9	120-9
Vale of Leven	216	5 $\frac{1}{2}$	42-5	41-4	178	8 $\frac{1}{2}$	49-1	56-1	125	13 $\frac{1}{2}$	58-5	87-3	7	16 $\frac{1}{2}$	67-5	130-4	215	5 $\frac{1}{2}$	42-0	40-3	170	8 $\frac{1}{2}$	49-1	54-6	118	13 $\frac{1}{2}$	59-9	96-3	4	15 $\frac{1}{2}$	66-3	122-5
Helensburgh ...	100	5 $\frac{1}{2}$	43-7	44-0	83	8 $\frac{1}{2}$	49-5	56-8	77	13 $\frac{1}{2}$	61-5	87-4	15	16 $\frac{1}{2}$	66-7	127-4	93	5 $\frac{1}{2}$	42-8	41-5	74	8 $\frac{1}{2}$	49-5	56-6	57	13 $\frac{1}{2}$	59-9	95-2	9	16 $\frac{1}{2}$	63-6	118-3
Total ...	1231	5 $\frac{1}{2}$	42-5	42-3	987	8 $\frac{1}{2}$	49-7	57-9	1006	13 $\frac{1}{2}$	58-8	88-1	73	16 $\frac{1}{2}$	67-4	129-5	1215	5 $\frac{1}{2}$	42-1	41-0	991	8 $\frac{1}{2}$	49-0	55-8	949	13 $\frac{1}{2}$	59-8	94-2	82	16 $\frac{1}{2}$	64-6	119-4
*County Average Years 1930-31 to 1934-35	6613	5 $\frac{1}{2}$	42-3	41-1	6,151	8 $\frac{1}{2}$	48-9	55-5	...	...	...	...	615	16 $\frac{1}{2}$	65-4	122-4	6505	5 $\frac{1}{2}$	42-0	39-9	6,173	8 $\frac{1}{2}$	48-6	53-4	...	...	...	...	458	16 $\frac{1}{2}$	62-6	113-6
County Average Years 1919-20 to 1929-30	13,328	5 $\frac{1}{2}$	42-1	41-2	11,863	8 $\frac{1}{2}$	48-3	54-3	...	...	...	...	769	16 $\frac{1}{2}$	64-3	118-8	13,019	5 $\frac{1}{2}$	41-7	39-7	11,582	8 $\frac{1}{2}$	48-2	52-3	...	...	...	...	774	16 $\frac{1}{2}$	62-2	111-6
Anthropometric Standard ...	...	...	41 $\frac{0}{0}$	39-9	...	...	47-0	54-9	...	...	...	...	...	...	64-3	119-0	...	...	40-8	39-6	...	...	46-6	52-1	...	...	...	...	...	...	61-7	113-1

\*It was felt that the Anthropometric Standard was not satisfactory, as it was based on an insufficient number of observations.  
A County of Dunbarton Standard has therefore been arrived at by combining and averaging the figures in previous Annual Reports for a number of years back.



The following table shows at a glance a summary of the previous table 7.—G (a) ], i.e., children in each area showing evidence of verminous conditions of the head, or body, or both.

School Management Area	Number of Routine Cases Examined	Number showing evidence of Vermin	Percentage
Cumbernauld ... ..	221	4	1·8
Kirkintilloch ... ..	1090	31	2·8
New Kilpatrick ... ..	487	...	...
Old Kilpatrick ... ..	1813	166	9·1
Dumbarton ... ..	1377	177	12·9
Vale of Leven ... ..	1033	118	11·3
Helensburgh ... ..	508	41	7·8
Total ... ..	6534	537	8·3

SCHOOL MANAGEMENT AREA	Number of Routine Cases Exam- ined	ROUTINE CASES						NON-ROUTINE CASES		
		Above Average		Average		Below Average		Very Bad		Very Bad
		No.	%	No.	%	No.	%	No.	%	
Cumbernauld	Boys	7	6.1	101	88.6	6	5.3	...	...	...
	Girls	11	10.2	81	75.9	15	13.9	...	...	...
	Total	18	8.1	182	82.5	21	9.4	...	...	...
Kirkintilloch ...	Boys	64	11.9	452	84.6	18	3.3	1	0.2	...
	Girls	75	13.5	443	79.8	37	6.7	...	...	...
	Total	139	12.7	895	82.2	55	5.0	1	0.1	...
New Kilpatrick	Boys	227	20.7	176	77.5	4	1.8	...	...	...
	Girls	41	15.8	207	79.6	12	4.6	...	...	...
	Total	88	18.2	383	78.6	16	3.2	...	...	...
Old Kilpatrick	Boys	119	12.9	717	77.6	86	9.3	2	0.2	...
	Girls	138	15.5	716	80.1	39	4.3	1	0.1	...
	Total	257	14.2	1433	78.9	125	6.8	3	0.1	...
Dumbarton ...	Boys	2	0.3	662	95.2	32	4.5	...	...	...
	Girls	3	0.4	659	96.8	19	2.8	...	...	...
	Total	5	0.3	1321	96.1	51	3.6	...	...	...
Vale of Leven	Boys	80	15.2	352	67.0	87	16.5	7	1.3	...
	Girls	84	16.5	337	65.5	83	16.4	3	0.6	...
	Total	164	15.9	689	66.8	170	16.4	10	0.9	...
Helensburgh ...	Boys	53	19.3	188	68.3	28	10.1	6	2.3	...
	Girls	49	21.0	159	68.3	25	10.7	...	...	...
	Total	102	20.2	347	68.3	53	10.4	6	0.1	...
Total	Boys	372	11.3	2648	80.3	261	7.9	16	0.5	...
	Girls	401	12.4	2602	80.3	230	7.2	4	0.1	...
	Total	773	11.9	5250	80.3	491	7.5	20	0.3	...





SCHOOL MANAGEMENT AREA		ROUTINE CASES										NON-ROUTINE CASES	
		Number of Routine Cases Examined	No Teeth Decayed		1 to 4 Teeth Decayed	5 or more Teeth Decayed		Oral Sepsis	5 or more Decayed	Oral Sepsis		5 or more Decayed	Oral Sepsis
			No.	%		No.	%						
Cumbernauld	Boys	114	61	53·6	41	36·0	12	10·4	...	...	...	...	...
	Girls	107	50	46·7	48	44·9	9	8·4	...	...	...	...	...
	Total	221	111	50·3	89	40·3	21	9·4	...	...	...	...	...
Kirkcintilloch	Boys	535	297	55·5	207	38·7	31	5·8	2	0·4	...	...	...
	Girls	555	335	60·4	188	33·9	32	5·7	2	0·4	...	...	...
	Total	1090	632	58·0	395	36·3	63	5·7	4	0·4	1	...	1
New Kilpatrick	Boys	227	144	63·5	74	32·6	9	3·9	...	...	...	...	...
	Girls	260	173	66·6	76	29·2	11	4·2	...	...	...	...	...
	Total	487	317	65·1	150	30·8	20	4·1	...	...	...	...	...
Old Kilpatrick	Boys	924	506	54·8	306	33·1	112	12·1	19	2·0	...	...	...
	Girls	894	538	60·2	263	29·4	93	10·4	8	0·9	...	...	...
	Total	1818	1044	57·5	569	31·3	205	11·2	27	1·4	2	...	...
Dumbarton ...	Boys	696	523	75·2	101	14·5	72	10·3	...	...	...	...	...
	Girls	681	528	77·6	97	14·2	56	8·2	...	...	...	...	...
	Total	1377	1051	76·4	198	14·4	128	9·2	...	...	5	...	...
Vale of Leven	Boys	526	317	60·3	85	16·1	124	23·6	22	4·2	...	...	...
	Girls	507	338	66·7	69	13·6	100	19·7	14	2·7	...	...	...
	Total	1033	655	63·3	154	15·0	224	21·7	36	3·5	3	...	...
Helensburgh ...	Boys	275	200	72·8	38	13·8	37	13·4	4	1·4	...	...	...
	Girls	233	150	64·4	32	13·7	51	21·9	8	3·4	...	...	...
	Total	508	350	69·0	70	13·7	88	17·3	12	2·3	2	...	...
Total	Boys	3297	2048	62·2	852	25·8	397	12·0	47	1·4	...	...	...
	Girls	3237	2112	65·3	773	23·9	352	10·8	32	1·0	...	...	...
	Total	6534	4160	63·7	1625	24·9	749	11·4	79	1·2	13	...	1

# 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS.

(a) Nose.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Catarrh.			Obstruction			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	221	...	...	...	1	0.4	...	...	...	1	1	0.4	1
Kirkintilloch ...	1090	...	...	...	2	0.2	1	7	0.6	1	9	0.8	2
New Kilpatrick	487	2	0.4	...	3	0.6	...	3	0.6	...	8	1.6	...
Old Kilpatrick	1818	19	1.0	1	5	0.3	3	9	0.5	6	33	1.9	10
Dumbarton ...	1377	36	2.6	1	23	1.7	10	16	0.8	10	75	5.4	21
Vale of Leven ...	1033	42	4.1	3	6	0.6	...	3	0.3	6	51	4.9	9
Helensburgh ...	508	17	3.3	1	8	1.6	...	1	0.2	4	26	5.1	5
Total ...	6534	116	1.8	6	48	0.7	14	39	0.6	28	203	3.1	48

(b) T, Tonsils.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Enlarged			Much Enlarged			Removed		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	221	6	2.7	1	...	...	...	19	8.6	...
Kirkintilloch	1090	35	3.2	26	1	0.1	...	145	13.3	...
New Kilpatrick	487	20	4.1	15	...	...	...	73	14.9	...
Old Kilpatrick	1818	166	9.1	36	81	4.4	39	217	11.8	...
Dumbarton ...	1377	128	9.3	45	100	7.3	12	238	17.3	...
Vale of Leven	1033	119	11.4	4	70	6.8	41	136	13.2	...
Helensburgh ...	508	65	12.9	5	35	6.8	27	78	15.3	...
Total ...	6534	539	8.2	132	287	4.4	119	906	13.9	...

7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(b) 2, Adenoids.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Present			Suspected			Removed		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbar-nauld	221	2	0·9	1	1	0·4	...	20	9·0	...
Kirkintilloch ...	1090	12	1·1	22	1	0·1	2	143	13·1	7
New Kilpatrick	487	6	1·2	14	2	0·4	...	73	14·9	...
Old Kilpatrick	1818	97	5·3	33	11	0·6	8	217	11·9	...
Dumbarton ...	1377	9	0·6	23	10	0·7	7	20	1·4	...
Vale of Leven	1033	83	8·0	4	8	0·8	12	103	10·0	...
Helensburgh ...	508	36	7·2	3	9	1·8	4	79	15·6	...
Total ...	6534	245	3·7	100	42	0·6	33	655	10·0	7

## 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

## (c) Lymphatic Glands—Submaxillary and Cervical.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Palpably Enlarged				Markedly Enlarged				Suppurating			
		Submaxillary		Cervical		Submaxillary		Cervical		Submaxillary		Cervical	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	221	3	1.3	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1090	3	0.3	7	0.2	6	...	...	...	...	...	...	...
New Kilpatrick	487	2	0.4	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick ...	1818	92	5.1	3	0.1	...	0.4	1	...	...	...	...	...
Dumbarton ...	1377	7	0.5	3	66	4.8	12	...	...	...	...	...	...
Vale of Leven ...	1033	89	8.6	1	3	0.3	...	7	0.4	...	...	...	...
Holensburgh ...	508	35	6.8	2	...	...	5	1.0	2	...	...	...	...
Total	6534	231	3.5	16	72	1.1	18	16	0.2	10	...	...	...

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Scabies			Blepharitis			Conjunctivitis			Corneal Opacities			Other Diseases		
		No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine	No.	Routine %	Non- Rou- tine
Cumbernauld	Boys	114	...	...	1	0.8	...	...	...	...	1	0.8	...	...	...	...
	Girls	107	3	2.8	...	...	...	...	...	...	1	0.9	...	...	...	...
	Total	221	3	1.3	1	0.4	...	...	...	...	2	0.9	...	...	...	1
Kirkintilloch	Boys	535	9	1.7	2	0.4	...	...	...	...	...	...	...	4	0.7	...
	Girls	555	17	3.1	3	0.5	...	2	0.4	...	1	0.2	...	4	0.7	...
	Total	1090	26	2.4	5	0.4	2	2	0.2	12	1	0.1	1	8	0.7	7
New Kilpatrick	Boys	227	9	3.9	1	0.4	...	...	...	...	1	0.4	...	...	...	...
	Girls	260	7	2.7	1	0.4	...	...	...	...	...	...	...	1	0.4	...
	Total	487	16	3.3	2	0.4	...	...	...	2	1	0.2	...	1	0.2	...
Old Kilpatrick	Boys	924	28	3.0	7	0.7	...	...	...	...	...	...	...	3	0.3	...
	Girls	894	30	3.3	6	0.7	...	...	...	...	3	0.3	...	2	0.2	...
	Total	1818	58	3.1	13	0.7	1	...	...	2	3	0.2	2	5	0.3	6
Dumbarton	Boys	696	20	2.9	7	1.0	...	...	...	...	...	...	...	5	0.7	...
	Girls	681	19	2.8	19	2.8	...	3	0.4	...	...	...	...	5	0.7	...
	Total	1377	39	2.9	26	1.8	9	3	0.2	10	...	...	3	10	0.7	8
Vale of Leven	Boys	526	18	3.4	...	...	...	1	0.2	...	...	...	...	1	0.2	...
	Girls	507	22	4.3	5	1.0	...	...	...	...	1	0.2	...	3	0.6	...
	Total	1033	40	3.8	5	0.5	9	1	0.1	8	1	0.1	1	4	0.4	9
Helensburgh	Boys	225	7	2.5	1	0.4	...	...	...	...	...	...	...	2	0.7	...
	Girls	233	7	3.0	...	...	...	...	...	...	...	...	...	...	...	...
	Total	508	14	2.7	1	0.2	2	...	...	2	...	...	...	2	0.4	4
Total	Boys	3297	91	4.8	19	0.6	...	1	0.1	...	2	0.1	...	15	0.4	...
	Girls	3237	105	3.2	34	1.0	...	5	0.1	...	6	0.2	...	15	0.4	...
	Total	6534	196	3.0	53	0.8	23	6	0.1	36	8	0.1	7	30	0.4	35

# 7.—N. EAR DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Otorrhoea			Wax			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbarnauld ...	221	...	...	...	2	0.9	...	...	...	...	2	0.9	...
Kirkcubbin ...	1090	8	0.7	11	8	0.7	4	...	...	6	16	1.5	21
New Kilpatrick...	487	1	0.2	2	...	...	...	...	...	...	1	0.2	2
Old Kilpatrick ...	1818	16	0.9	17	7	0.4	5	2	0.1	2	25	1.3	24
Dumbarton ...	1377	12	0.8	13	...	...	7	6	0.4	15	18	1.2	35
Vale of Leven ...	1033	13	1.2	10	2	0.2	1	2	0.2	3	17	1.6	14
Helensburgh ...	508	2	0.4	2	1	0.2	1	...	...	2	3	0.6	5
Total ...	6534	52	0.8	55	20	0.3	18	10	0.1	28	82	1.2	101

# 7.—O. HEARING.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slightly Deaf			Very Deaf			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbarnauld	221	1	0.4	2	...	...	...	1	0.4	2
Kirkcubbin ...	1090	1	0.1	3	2	0.2	...	3	0.3	3
New Kilpatrick	487	...	...	1	1	0.2	...	1	0.2	1
Old Kilpatrick	1818	13	0.7	5	7	0.4	...	20	1.1	5
Dumbarton ...	1377	7	0.5	4	3	0.2	...	10	0.7	4
Vale of Leven	1033	12	1.1	1	7	0.7	...	19	1.8	1
Helensburgh	508	3	0.6	1	4	0.8	...	7	1.4	1
Total ...	6534	17	0.6	17	24	0.4	...	41	0.6	17

## 21A

Vision shown is "Working Vision," i.e., Vision of better eye. Good Vision= $\frac{1}{2}$ . Fair Vision= $\frac{1}{3}$  to  $\frac{1}{4}$ . Bad Vision= $\frac{1}{16}$  or worse.

[illegible]



## 7.—P. SPEECH.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Defective Articulation			Stammering			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld...	221	...	...	...	...	...	1	...	...	1
Kirkintilloch ...	1090	3	0.3	1	1	0.1	2	4	0.4	3
New Kilpatrick	487	...	...	...	...	...	...	...	...	..
Old Kilpatrick	1818	11	0.6	3	6	0.3	...	17	0.9	3
Dumbarton ...	1377	4	0.3	...	3	0.2	...	7	0.5	.
Vale of Leven	1033	11	1.0	...	3	0.3	...	14	1.3	..
Helensburgh ...	508	1	0.2	...	2	0.4	...	3	0.6	..
Total ...	6534	30	0.4	4	15	0.2	3	45	0.6	7

## 7.—Q. MENTAL CONDITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Dull or Backward			Mentally Deficient			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	221	...	...	...	...	...	...	...	...	...
Kirkintilloch ..	1090	8	3.2	2	...	...	...	8	3.2	2
New Kilpatrick	487	4	0.8	2	...	...	4	4	0.8	6
Old Kilpatrick	1818	25	1.3	1	...	...	4	25	1.3	5
Dumbarton ..	1377	3	0.2	...	...	...	...	3	0.2	...
Vale of Leven	1033	7	0.7	...	...	...	7	7	0.7	7
Helensburgh ..	508	3	0.6	...	...	...	...	3	0.6	...
Total	6534	50	0.7	5	...	...	15	50	0.7	20



## 7.—S. LUNGS.

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Bronchial Catarrh			Bronchitis			Tuberculosis			Tuberculosis Suspected			Asthma			Total		
		No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine
Cumbernauld	221	...	...	...	4	1.8	...	...	...	...	...	...	...	2	0.9	...	6	2.7	...
Kirkintilloch	1090	...	...	...	17	1.6	5	...	...	...	...	...	...	2	0.2	1	19	1.7	6
New Kilpatrick	487	...	...	...	5	1.0	...	...	...	...	...	...	...	5	1.0	1	10	2.0	1
Old Kilpatrick	1818	12	0.7	2	20	1.1	6	...	...	...	...	...	...	1	0.1	2	33	1.8	10
Dumbarton	1377	95	5.2	15	3	0.2	25	...	...	1	...	...	...	4	0.3	4	102	7.4	45
Vale of Leven	1033	18	1.7	4	4	0.4	4	...	...	...	...	...	...	3	0.3	5	25	2.4	13
Helensburgh	508	3	0.6	5	1	0.2	...	...	...	...	...	...	...	1	0.2	1	5	0.9	6
Total	6534	128	2.0	26	54	0.8	40	...	...	1	...	...	...	18	0.3	14	200	3.1	81

## 7.—T. NERVOUS SYSTEM.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Epilepsy			Chorea			Infantile Paralysis			Others			Total		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	221	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1090	...	...	...	1	0.1	...	1	0.1	...	...	...	...	2	0.2	...
New Kilpatrick ...	487	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick ...	1818	1	0.1	1	...	...	10	2	0.1	...	...	...	...	3	0.2	11
Dumbarton ...	1377	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vale of Leven ...	1033	...	...	1	2	0.2	6	1	0.1	...	...	...	...	3	0.3	7
Helensburgh ...	508	...	...	...	1	0.2	1	4	0.8	1	...	...	...	5	1.0	2
Total ...	6534	1	0.1	2	4	0.1	17	8	0.1	1	...	...	...	13	0.2	20

## 7.—U. TUBERCULOSIS (NON-PULMONARY).

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Glands			Bones			Joints			Abdominal			Others			Total		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	221	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkcaldilloch	1090	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Kilpatrick	487	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1818	...	...	...	...	...	1	...	...	...	1	0.1	...	...	...	...	1	0.1	1
Dumbarton	1377	2	0.1	1	...	...	...	...	...	...	...	...	...	...	...	...	2	0.1	1
Vale of Leven	1033	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Helensburgh	508	...	...	...	...	...	...	...	...	...	1	0.2	...	...	...	...	1	0.2	...
Total ...	6534	2	0.1	1	...	...	1	...	...	...	2	0.1	...	...	...	...	4	0.1	2

## 7.—V. RICKETS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slight			Non- Routine	Marked			Non- Routine	Total		
		Routine		No.		Routine		No.		Routine		No.
		No.	%			No.	%			No.	%	
Cumbernauld	221	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1090	...	...	...	...	...	...	...	...	...	...	...
New Kilpatrick	487	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1818	...	...	...	...	1	0.1	0.1	...	1	0.1	...
Dumbarton ...	1377	...	...	...	...	1	0.1	0.1	...	1	0.1	...
Vale of Leven	1033	...	...	...	...	1	0.1	0.1	...	1	0.1	...
Helensburgh ...	508	...	...	...	...	3	0.6	0.6	...	3	0.6	...
Total ...	6534	...	...	...	...	6	0.1	0.1	...	6	0.1	...

## 7.—W. DEFORMITIES.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Congenital			Acquired (Non-Rachitic)			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	221	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1090	3	0.3	...	24	2.2	20	27	2.5	20
New Kilpatrick	487	...	...	...	24	4.8	1	24	4.8	1
Old Kilpatrick	1818	5	0.3	...	48	2.6	10	53	2.9	10
Dumbarton ...	1377	5	0.4	...	52	3.7	9	57	4.1	9
Vale of Leven	1033	6	0.6	...	21	2.0	5	27	2.6	5
Helensburgh	508	2	0.4	...	18	3.5	4	20	3.9	4
Total ...	6514	21	0.3	...	187	3.0	49	208	3.2	49

## 7.—X. INFECTIOUS OR CONTAGIOUS DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Examined	Scarlet Fever			Whooping Cough			Chicken Pox			German Measles			Mumps			Total			Number of Routine Cases Immunised against Diphtheria.	
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine		
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%
Cumbernauld ...	221	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	146	66.0
Kirkintilloch ...	1090	1	0.1	...	...	...	...	2	0.2	3	...	...	...	...	...	...	3	0.3	3	782	71.7
New Kilpatrick ...	487	...	...	...	...	...	...	1	0.2	1	...	...	...	...	...	...	1	0.2	1	373	76.6
Old Kilpatrick ...	1818	...	...	...	1	0.1	...	3	0.2	1	1	0.1	1	...	...	...	5	0.3	2	1121	61.6
Dumbarton ...	1377	3	0.2	...	...	...	3	1	0.1	9	1	0.1	3	...	...	...	5	0.4	15	1136	82.5
Vale of Leven ...	1033	...	...	...	3	0.3	4	4	0.4	4	1	0.1	2	2	0.2	2	10	1.0	12	673	65.1
Helenburgh ...	508	...	...	...	1	0.2	5	...	...	8	2	0.4	1	...	...	...	3	0.6	14	386	75.9
Total ...	6534	4	0.1	...	5	0.1	12	11	0.2	26	5	0.1	7	2	0.1	2	27	0.4	47	4617	70.7

The number of children given as immunised against diphtheria is probably an understatement, as young children, unaccompanied by parents, very frequently cannot give the necessary information, and are therefore included among those not immunised

## 7.—Y. OTHER DISEASES AND DEFECTS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Hernia			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	221	...	...	...	6	2·7	6	6	2·7	6
Kirkintilloch ...	1090	3	0·3	1	30	2·7	86	33	3·0	87
New Kilpatrick	487	...	...	...	13	2·7	10	13	2·7	10
Old Kilpatrick	1818	3	0·2	1	54	2·9	80	57	3·1	81
Dumbarton ...	1377	3	0·2	...	126	9·0	94	129	9·2	94
Vale of Leven	1033	...	...	1	22	2·0	91	22	2·0	92
Helensburgh ...	508	1	0·2	...	27	5·3	63	28	5·5	63
Total ...	6534	10	0·1	3	278	4·2	430	288	4·4	433

## PREVIOUS ILLNESSES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Small- pox		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	221	174	78.7	118	53.4	63	28.5	51	23.1	22	9.9	5	2.2	...	...	5	2.2	...	...	65	29.4
Kirkintilloch ...	1090	914	83.8	594	54.5	370	33.9	266	24.4	143	13.1	74	6.8	...	...	17	1.5	...	...	276	25.3
New Kilpatrick	487	406	83.4	285	58.5	212	43.5	156	31.4	53	10.9	13	2.7	...	...	9	1.8	...	...	156	31.4
Old Kilpatrick ...	1818	1476	81.2	1099	60.5	655	36.0	497	27.3	217	11.9	120	6.6	...	...	14	0.7	...	...	469	25.8
Dumbarton ...	1377	1179	85.7	900	65.4	574	41.7	442	32.1	214	15.5	139	10.1	...	...	...	...	...	...	379	27.5
Vale of Leven ...	1033	854	82.7	633	61.3	316	30.5	273	26.4	127	12.3	43	4.2	...	...	...	...	...	...	336	32.5
Helensburgh ...	508	366	72.0	311	61.2	254	50.0	166	21.0	57	11.2	29	5.7	...	...	3	0.6	...	...	180	35.4
Total	6534	5369	82.1	3940	60.3	2444	37.4	1851	28.3	833	12.7	423	6.5	...	...	48	0.7	...	...	1861	28.5

## VACCINATION.

SCHOOL MANAGEMENT AREA	Entrants			Age 8			Age 13			Age 16			Total		
	Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated	
		No.	%		No.	%		No.	%		No.	%		No.	%
Cumbernauld ...	102	48	47.0	81	27	33.3	38	15	39.4	...	...	...	221	90	40.7
Kirkintilloch ...	359	118	32.9	308	86	27.9	390	79	20.2	33	11	33.3	1090	294	26.9
New Kilpatrick ...	161	70	43.4	170	39	23.0	127	16	12.6	29	5	17.2	487	130	26.6
Old Kilpatrick ...	752	339	45.2	600	238	39.6	466	127	27.2	...	...	...	1818	704	38.7
Dumbarton ...	448	319	71.2	314	214	68.1	557	293	52.6	58	14	24.1	1377	840	61.0
Vale of Leven ...	431	254	58.9	348	222	63.8	243	122	50.2	11	2	18.1	1033	600	58.0
Helensburgh ...	193	90	46.6	157	77	49.0	134	44	32.8	24	4	16.6	508	215	42.3
Total ...	2446	1238	50.6	1978	903	45.6	1955	696	35.6	155	36	23.2	6534	2873	43.9
		*Increase compared with last year 5.8%			*Decrease compared with last year 2.5%			*Decrease compared with last year 3.5%			*Increase compared with last year 1.6%			*Increase compared with last year 0.7%	

### 8.—Special Schools and Classes.

*Special Schools*—There are three Special Schools in the County—Waverley Park Home, Kirkintilloch ; Milton School, Bowling ; and College Street School, Dumbarton.

In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-minded, there are at present 3 pupils from the County.

Milton Special School, which serves the areas of Old and New Kilpatrick also receives Deaf-mute pupils from Dumbarton, Helensburgh, and the Vale of Leven Areas. This school was taken over by the military authorities on the outbreak of the war, and, as far as possible, the pupils have been conveyed to College Street School, Dumbarton. A few pupils were evacuated, with two teachers and a nurse, to Port Kil, Kilcreggan, and later transferred to "The Grove," Clynder, where five children, with a teacher and a nurse, remained till the end of June, 1944, when other arrangements were made, as the teacher was due to retire.

College Street School, which serves the Dumbarton, Vale of Leven and Helensburgh Areas, is also meantime, owing to the closure of Milton School, serving the Old Kilpatrick and New Kilpatrick Areas. At present there are three classes for mental defectives with 75 on the roll, and two classes for physical defectives with 25 on the roll, a total of 100. The pupils in the Deaf Mute class, 6 in number, are drawn from the whole County, except the Parishes of Kirkintilloch and Cumbernauld.

Deaf Mute pupils from these two parishes are, by arrangement with the Glasgow Education Committee, taught in the Glasgow Schools for Deaf Mutes.

*Special Classes*—(a) *For Mentally Defective Children*—Lairdsland School, Kirkintilloch, with 19 on the roll (one class).

(b) *For Conservation of Vision*—Lairdsland School, Kirkintilloch, with 10 on the roll ; Whitecrook School, Clydebank (temporarily at College Street School), with 7 on the roll ; and College Street School, Dumbarton, with 14 on the roll. Total 31.

The following are the totals for the County :—

Mentally Defectives	...	...	...	...	...	...	97
Physically Defectives	...	...	...	...	...	...	25
Deaf Mutes	...	...	...	...	...	...	6
Conservation of Vision	...	...	...	...	...	...	31
Total							<u>159</u>

Number of Physically Defective Children in Institutions paid for by the County Council	...	...	...	...	3
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Number of Mentally Defective Children in Institutions paid for by the County Council	...	...	...	...	16
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Blind Persons in training under Blind Persons' Act, 1920 (cost of training borne by the County Council, and maintenance by the Local Authority) :—

(a) Glasgow Royal Blind Asylum	...	...	...	5
(b) Edinburgh Royal Blind Asylum	...	...	...	—
Totals	...	...	...	<u>24</u>

*Medical Inspection.*—All the children attending Special Schools were medically examined during the session, as has been done each year for some time past. During the present session 72 children—37 boys and 35 girls—were examined. Of these, 41 were mentally defective, and 31 physically defective. Of these, 12 children were myopic, and 5 were deaf mutes. Seventeen of these children were classed as having nutrition below average, while 3 had very bad nutrition. Two showed evidence of ear, nose or throat disease, 14 had defective eyesight, while 10 showed physical deformities, congenital or acquired.

*Special Appliances Supplied to Pupils.*—During the session the committee agreed to the provision or repair of the following appliances :—

						Pupils.
Splints with Boots or Shoes	...	...	...	...	...	5
Shoes	...	...	...	...	...	2
Dental Plate	...	...	...	...	...	1
Total						8

## 9.—Arrangements for Physical Education and Personal Hygiene.

*A.—Physical Exercises.*—The arrangements for these remain much the same as in former years. (See Annual Reports, 1914-15, page 72 ; 1919-20, page 41 ; 1920-21, page 38 ; and 1927-28, page 37).

Children for whom exemption from Physical Exercises or Baths was asked, were examined by the School Medical Officers, and exemption was granted if sufficient reason were found. In addition to these, a number of children who were found by the School Medical Officers in the course of routine examination to be suffering from such physical defect as demanded exemption from drill or baths, were exempted.

The reasons for exemption were as follows :—

### (a) From Drill and Baths :—

Defective Heart	...	...	...	...	...	15
Recent Abdominal Operation (Appendicitis, etc.)	...	...	...	...	...	5
Affections of Bones or Joints	...	...	...	...	...	3
Rheumatism	...	...	...	...	...	3
Others	...	...	...	...	...	8
Total						34

### (b) From Baths Only :

Ear Disease	...	...	...	...	...	4
Skin Disease	...	...	...	...	...	3
Chest conditions	...	...	...	...	...	2
Others	...	...	...	...	...	2
Total						11

## 10.—Milk-in-Schools Scheme.

The average number of pupils taking advantage of this scheme throughout the session was 13,589, which gives an average of sixty-four per cent. of the number of pupils on the roll.

### Employment of Children (Scotland) Act, 1932.

Permits under the above Act were issued as follows, after the applicants had been examined by the School Medical Officer :—

	Granted.	Refused.	Total.
Cumbernauld ... ..	—	—	—
Kirkintilloch ... ..	11	—	11
New Kilpatrick ... ..	20	—	20
Old Kilpatrick ... ..	2	—	2
Dumbarton ... ..	21	1	22
Vale of Leven ... ..	12	1	13
Helensburgh ... ..	—	—	—
Total ... ..	66	2	68
	==	==	==

### Admission of Children to Approved Schools.

During the session 40 children were examined with special regard to their suitability, physically and mentally, for admission to Approved Schools. Of these, 33 were committed by the Sheriff to institutions.

### II.—Arrangements for Medical Treatment.

See Annual Reports, 1927-28, pages 38,39 and 40, and 1928-29, pages 46-54.

See also Annual Report for 1935-36 for summary of facilities for treatment in the County.

### X-Ray Treatment of Ringworm.

There were no cases of ringworm of the head treated by X-Ray epilation, but one family of five children was successfully treated at Glasgow Royal Infirmary by the administration of Thallium Acetate.

### Ultra-Violet Light Treatment.

At the Kirkintilloch Clinic 16 school children were treated. The number of attendances was 439, and the average number of attendances was 27. The causes of reference were : Debility, 8 ; Anaemia, 2 ; Bronchitis, 5 ; Asthma, 1. All were improved.

At the Dumbarton Clinic 43 school children were treated, making 762 attendances, an average of 17 per patient. The causes of reference were:—Bronchitis, 29 ; Asthma, 7 ; Malnutrition, 4 ; Others, 3. Two cases stopped attendance, the others were much improved.

In the Alexandria Clinic 17 school children were treated. The number of attendances was 304, and the average number of treatments was 18. The causes of reference were :—Bronchitis and Asthma, 8 ; Debility, 3 ; Anaemia, 1 ; Enlarged Glands, 5. Twelve were definitely improved.

At the Helensburgh Clinic 15 school children were treated. The number of attendances was 315, and the average number of treatments 20. The causes of reference were :—Debility, 5 ; Chest trouble, 1 ; Enlarged Glands, 7 ; Anaemia, 2. All were improved.

# ORTHOPAEDIC TREATMENT.

The Orthopaedic Clinics in Dumbarton, Kirkintilloch and Helensburgh were in full working order during the present session. The work at the Clydebank Clinic is still hampered by present conditions. A new clinic was opened in Milngavie on 21st April, 1944. Vale of Leven cases are treated in Dumbarton.

Deformity or Disease	Clydebank Clinic			Dumbarton Clinic			Kirkintilloch Clinic			Vale of Leven Clinic			Helensburgh Clinic			Milngavie Clinic			Total		
	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.
Kyphosis ...	2	3	5	3	...	3	4	2	6	...	...	2	1	3	4	3	...	3	13	10	23
Lordosis ...	4	4	8	3	3	6	4	2	6	1	...	...	...	...	1	1	2	3	13	12	25
Kypho- Lordosis ...	1	3	4	1	2	3	...	2	2	...	...	1	...	...	...	1	2	3	3	10	13
Scoliosis ...	...	1	1	...	1	1	1	1	2	...	...	...	...	...	...	...	...	1	2	4	6
Foot	15	10	25	7	8	15	17	16	33	11	6	17	5	3	8	3	6	9	58	49	107
Chest	2	1	3	3	...	3	1	2	3	...	...	...	3	...	3	1	...	1	10	3	13
Deformity Infantile Paralysis ...	1	2	3	2	2	4	5	1	6	1	1	2	2	4	6	...	...	...	11	10	21
Mouth	4	6	10	5	3	8	9	10	19	4	3	7	6	1	7	...	...	...	28	23	51
Breathing	...	3	3	...	2	2	1	4	5	1	2	3	1	...	1	...	...	1	4	11	15
Rheumatism	2	2	4	6	3	9	3	6	9	3	1	4	1	...	1	3	...	3	18	12	30
Others	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	31	35	66	30	24	54	45	46	91	21	16	37	19	13	32	14	10	24	160	144	304

## Response to Treatment.

Clinic	Good			Fair			Unsatisfactory		
	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.
Clydebank	...	...	...	32	...	...	13	...	...
Dumbarton	...	...	...	23	...	...	8	...	...
Kirkintilloch	...	...	...	31	...	...	13	...	...
Vale of Leven	...	...	...	13	...	...	10	...	...
Helensburgh	...	...	...	15	...	...	5	...	...
Milngavie	...	...	...	13	...	...	3	...	...
Total ...	...	...	...	127	...	...	52	...	...

## Number of Treatments Given.

Clydebank—1771      Dumbarton—2441      Kirkintilloch—2173      Vale of Leven (with Dumbarton)      Helensburgh—974      Milngavie—198

## RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

As it has been suggested that the removal of tonsils and adenoids results in little permanent benefit, an examination was made of pupils who had been operated on a considerable number of years before.

There were 652 children re-examined at the age of fourteen or sixteen who had had tonsils and adenoids, or tonsils only, or adenoids only, removed previously. Of these, 607 were found to be absolutely satisfactory, the remaining forty-five showing evidence of rheumatism, or chorea, asthma, bronchial troubles, deafness and otorrhoea.

The following table shows details of this investigation :—

No. of Years after Operation	No. of Cases	Satisfactory		Reasons for Classification as unsatisfactory.						
		No.	No.	Rheumatism	General Health Un- satisfactory	Asthma	Bronchial Conditions	Heart	Deafness	Otorrhoea
10 or more	82	76	6	...	...	4	...	1	1	...
9	85	80	5	2	...	...	2	...	...	1
8	89	83	6	2	1	2	1	...	...	...
7	154	141	13	2	2	...	3	...	2	4
6	99	97	2	...	...	...	...	...	...	2
5 or less	143	130	13	5	...	1	2	1	2	2
Total	652	607	45	11	3	7	8	2	5	9
		93.1%	6.9%							

The table which will be found on page 38 shows the results of the removal of tonsils and/or adenoids, as ascertained by examination at an interval of about one year from operation. The figures are cumulative from the investigation commenced during the session 1931-1932.

## REMOVAL OF TONSILS AND/OR ADENOIDS.

The following table shows the results of inquiry into results of Tonsil and Adenoid operations. The pupils are examined one year after operation. The figures given are totals since session 1932-33. See Annual Report, 1932-33, pp. 42-43.

		Tonsils and Adenoids Removed.				Adenoids only Removed.			
	Number Percentage	Result Satisfactory.	Result Moderately Satisfactory.	Result Unsatisfactory	Total	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Total
		3237 76.6	726 17.3	269 6.1	4202	303 45.6	229 34.4	132 20.0	664
Mouth Breathing	Present before operation	2395	591	173	3159	268	109	95	475
	Continuing after operation	98	126	105	329	13	34	67	114
	Apparently cured ...	2297	455	68	2830	255	75	31	361
	Beginning after operation	2	10	5	17	1	...	1	2
Deafness	Present before operation	494	188	55	737	187	42	20	249
	Continuing after operation	59	92	43	194	30	16	13	59
	Apparently cured ...	435	96	12	544	157	26	7	190
	Beginning after operation	8	4	5	17	5	...	1	6
Discharging Ear	Present before operation	403	140	503	1046	51	23	14	88
	Continuing after operation	63	77	150	290	13	7	10	30
	Apparently cured ...	340	63	353	756	38	16	4	58
	Beginning after operation	23	31	11	65	...	5	5	10
Discharging Nose	Present before operation	1246	345	135	1726	169	79	87	335
	Continuing after operation	111	194	122	427	16	51	80	147
	Apparently cured ...	1135	151	13	1299	153	28	7	188
	Beginning after operation	26	33	12	71	...	5	5	10
Susceptibility to Colds and/or Sore Throats	Present before operation	2514	593	184	3291	218	89	103	410
	Continuing after operation	148	217	137	502	19	46	87	152
	Apparently cured ...	2366	376	47	2789	199	43	16	258
	Beginning after operation	11	5	9	25	...	2	3	5
Enlarged Glands	Present before operation	1354	496	49	1899	42	14	32	88
	Continuing after operation	74	75	22	171	11	4	23	38
	Apparently cured ...	1280	421	37	1738	31	10	9	50
	Beginning after operation	8	8	2	19	...	...	4	4
Rheumatism or Chorea	Present before operation	145	82	12	239	10	1	...	11
	Continuing after operation	48	39	8	95	7	1	...	8
	Apparently cured ...	97	43	4	144	3	...	...	3
	Beginning after operation	52	3	4	94	2	3	...	5

## TREATMENT OF MINOR AILMENTS.

District	Nurse	Number of Children dealt with	Total Number of Attendances	Number of Visits to Parents	Number of Visits to Clinics or Schools	Eye Cases	Throat and Nose Cases	Ear Cases	Skin Cases	Others	Attendance at Eye, Operations and Dental X-Ray Clinics
Kirkintilloch ...	C. M. Jeffrey	675	3074	103	96	32	..	62	498	83	183
Cumbernauld Kirkintilloch (Landward)	J. C. Macbeth	139	283	16	12	2	...	10	123	4	...
Cumbernauld Kirkintilloch (Landward) Duntocher and Clydebank ...	M. M. Macdonald	506	941	12	63	8	...	50	302	146	124
Old Kilpatrick (Burgh and (Landward)	E. S. R. Stevenson	82	182	36	34	...	...	20	62	...	64
Cumbernauld Kirkintilloch (Landward)	E. A. Sandilands	325	684	6	30	6	...	13	297	9	75
Clydebank (Our Holy Redeemer and Elgin Street) New Kilpatrick	C. King	238	402	13	17	...	...	2	184	52	5
Dumbarton (except Notre Dame and West Bridgend Schools) ...	M. Gilmour	1079	1521	12	48	11	...	40	924	104	250
New Kilpatrick Dumbarton (West Bridgend, Notre Dame, St. Patrick's)	G. Macnair	901	3503	49	87	4	...	12	875	10	232
Vale of Leven Renton Public and St. Martin's)											
Dumbarton (West Bridgend, Notre Dame, and St. Patrick's High)											
Vale of Leven (except Renton)	I. Scott	372	1214	271	44	3	...	32	294	43	219
	C. R. Robertson	84	129	...	5	1	...	4	4	75	6
Helensburgh Dumbarton (Notre Dame and West Bridgend Schools) ...	K. S. Stevenson	337	1197	37	45	7	...	19	246	65	194
Renton ...	E. M. Rankin	152	570	20	24	3	...	8	9	132	...
Total ...		4890	13,700	575	505	77	...	272	3818	723	1352





## Ophthalmic Treatment of School Children

	SCHOOL MANAGEMENT AREA.											
	Dumbarton.		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Defective Vision corrected with Spectacles ...	68	71	32	17	38	47	11	17	74	52	46	50
Defective Vision too slight to benefit from Spectacles ...	9	10	5	6	8	19	6	7	14	12	9	6
Defective Vision treated otherwise ...	12	12	4	2	12	16	2	0	8	9	5	4
Total Number of Children Examined ...	89	93	41	25	58	82	19	24	96	73	60	60
Re-examinations ...	91	80	24	21	50	56	16	20	48	43	56	59

Total Number of Children Examined—720.  
Total Number of Spectacles Prescribed—573.

Ophthalmic Treatment of School Children—Continued.

Complications	SCHOOL MANAGEMENT AREA.									
	Dumbarton		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Blepharitis ...	3	8	2	0	6	8	1	0	3	5
Dacryocystitis ...	1	0	0	0	0	0	0	0	0	0
Prosis ...	0	0	0	0	0	0	2	5	0	0
Strabismus convergens	34	38	16	9	26	20	0	0	45	31
Strabismus divergens	0	0	0	0	1	0	0	0	0	0
Conjunctivitis, Keratitis and Iritis	7	3	2	0	1	10	1	0	3	3
Opacity of Cornea ...	1	2	0	0	1	3	0	0	2	1
Opacity of Lens ...	0	0	0	0	0	1	0	0	0	0
Dislocation of Lens ...	0	0	0	0	0	1	0	0	0	0
Aphakia ...	1	0	0	0	0	1	0	0	0	0
Synechia Anterior	0	0	0	0	0	0	0	0	0	0
Synechia Posterior	0	0	0	0	0	0	0	0	0	0
Coloboma Uveae	0	1	0	0	0	0	0	0	0	0
Uveitis ...	0	0	0	0	0	2	0	0	0	0
Choroido-Retinitis	1	0	0	0	0	0	0	0	0	0
Optic Atrophy	0	2	0	0	0	0	0	0	0	0
Nystagmus ...	3	3	0	0	0	2	1	0	0	0
Albinism ...	0	0	0	0	0	0	0	0	0	0
Buphthalmos	0	1	0	0	0	0	0	0	0	0
Anophthalmos	0	0	0	0	0	1	0	0	0	1

## ORTHOPTIC TREATMENT.

The following table shows the number of cases seen by the Orthoptist:—

	Clydebank	Dumbarton	Kirkintilloch	Total
Number of Children under Treatment ... ..	11	18	15	44
Number of Children under Observation ... ..	7	9	5	21
Attendances—				
Preliminary Examination ...	3	8	3	14
Cases for Occlusion ... ..	20	36	27	83
Cases for Orthoptic Exercises ...	182	269	168	619
Cases Re-Examined ... ..	2	7	2	11
Total ... ..	207	320	200	727
Cases Operated on ... ..	2	2	...	4
Cases Discharged ... ..	2	3	...	5

## SPEECH THERAPY.

The following table gives a summary of the work done during the session.

	Articulation.	Stutter.	Organic.	Total.
Dumbarton Area ...	49	16	2	67
Vale of Leven Area ...	77	16	8	101
Clydebank Area ...	29	8	1	38
Kirkintilloch Area ...	27	28	2	57
Special Case Areas ...	1	4	1	6
	<hr/> 183	<hr/> 72	<hr/> 14	<hr/> 269

It is interesting to observe that, because of defects being treated early in the school life of a child, there is a decided decrease in the numbers of speech-defectives between the ages of seven and eleven. The majority of the cases are in infant, higher senior and secondary or advanced division classes.

The very large numbers in the above table do not make for quick results, and treatment sessions are too infrequent in most cases.

It is hoped that next session treatments will be carried out in centres in each area. This will economise in time. Visits will still be made to schools, and the co-operation of the school staffs will still be necessary to the success of the work.

## REPORT BY SCHOOL NURSES.

District	Nurse	Number of Children Examined	Total Number of Inspections	Number of Visits to Parents or Schools	Vermin or Nits on Head	Vermin or Nits on Body	Vermin Suspected	Unsatisfactory Clothing	Unsatisfactory Footgear	Others
Kirkintilloch ...	C. M. Jeffrey	215	921	209	103	...	98	14	...	...
Cumbernauld, Kirkintilloch (Landward) ...	J. C. Macbeth	163	1130	35	150	...	...	13	...	...
Cumbernauld, Kirkintilloch (Landward), Old Kilpatrick (Landward and Dalmuir, St. Stephen's, and Janetta Street Schools) ...	M. M. Macdonald	475	2571	61	368	...	64	25	...	18
Old Kilpatrick (Burgh and Landward) ...	E. S. R. Stevenson	193	193	20	119	1	43	...	...	30
Cumbernauld, Kirkintilloch (Landward) ...	E. A. Sandilands	271	1205	24	233	...	...	...	...	38
Clydebank (Our Holy Redeemer's, Elgin Street), New Kilpatrick	C. King	242	337	30	222	...	13	1	6	...
Dumbarton (except West Bridgend, Notre Dame, and St. Patrick's) ...	M. Gilmour	389	1053	67	340	...	...	...	5	44
New Kilpatrick, Vale of Leven (Renton Public and St. Martin's), Dumbarton (West Bridgend, Notre Dame and St. Patrick's) ...	C. Macnair	349	2245	321	349	...	...	...	...	...
Vale of Leven (except Renton)	J. Scott	416	1512	290	290	4	20	70	2	30
	C. R. Robertson	61	397	6	61	...	...	...	...	...
Dumbarton (Notre Dame and West Bridgend Schools)	K. S. Stevenson	510	1549	74	392	...	...	8	4	106
Renton ...	E. M. Rankin	269	480	29	250	...	...	19	...	...
Total ...		3553	15393	1166	2877	5	238	150	17	266

## SECTION II.

## REVISED FORM OF REPORT FOR YEAR ENDING 31st JULY, 1944

## (1) LIST OF STAFF.

(See page 5.)

## (2) GENERAL STATISTICS.

(See page 6.)

## (3) SANITARY CONDITION OF SCHOOLS.

(See page 7.)

## (4) ORGANISATION AND ADMINISTRATION.

(See Annual Report for 1938-39, pages 50-55).

## (5) FINDINGS OF MEDICAL INSPECTION.

## A.—General Review.

During the session 6,534 pupils were examined at routine inspections (boys, 3,297 ; girls, 3,237). This number is an increase of 957 on the previous year. It is still short of the numbers done in pre-war years, as the school attendance in some areas is still somewhat unsatisfactory for various reasons. Of non-routine cases, 2,200 were examined, an increase on previous year.

(1) *The Condition of Clothing*.—Again only one child (0·1 per cent.) was found to have insufficient clothing. Seventy-four children (1·1 per cent.) had clothing in bad repair, while one child (0·1 per cent.) had clothing in moderately good repair. Eighty children (1·2 per cent.) had dirty clothing, while two (0·1 per cent.) were classed as moderately clean.

(2) *Footgear* was bad in 52 cases (0·8 per cent.), and only moderately good in 7 cases (0·1 per cent.)

(3) *Uncleanliness of Head or Body*, or both, including such conditions as nits or vermin. Of the routine cases examined, 537 (8·3 per cent.) showed evidence of the presence of vermin. Of that number, 515 (15·9 per cent.) were girls with nits in the hair, while one girl (0·1 per cent.) showed vermin on the body. There were six children among the non-routine cases examined showing vermin of head or body. The absence of so many mothers from their homes on war-work certainly aggravates the lack of cleanliness in the children, though there are still many not engaged in any work outside their own homes whose standard of cleanliness is very low. There is a section of the school population, about 8 per cent., which seems to be permanently infested with vermin.

(4) *Skin Disease*.—Among routine cases, 19 (0·3 per cent.) were found to be suffering from some skin disease of the head, of whom 16 (0·2 per cent.) had impetigo, and 3 (0·4 per cent.) had alopecia.

There were also 249 (3·1 per cent.) suffering from skin disease of the body. Of these, 76 (1·2 per cent.) had scabies, 16 (0·2 per cent.) had eczema, 4 (0·1 per cent.) had psoriasis, and 37 (0·5 per cent.) had sores on the body, mostly impetigo, and 449 cases of skin disease of the body, 160 of which were scabies.

Scabies Clinics have been in full working order in the County during the present session, and the prevalence of the condition, with its deleterious effect on school attendance, has been greatly reduced.

Clinics are established in the First-Aid Posts in Alexandria, Bonhill, Dalmuir, Dumbarton, Helensburgh and Kirkintilloch, and towards the end of the present session, in Bearsden.

The number of cases dealt with at these clinics was (adults and children) :

	Alexandria First-Aid Post	Bonhill First-Aid Post	Helensburgh First-Aid Post	Kirkintilloch First-Aid Post	Clydebank First-Aid Post
No. of Families	286	154	45	174	68
No. of Individuals	760	600	98	405	372
No. of Attendances	3755	1848	775	1760	988
No. still attending on 30th June, 1944	130	26	28	78	48

During the session seven cases of ringworm of the body were found in the non-routine cases. One family of five children were found to have ringworm of the scalp, and were successfully treated at Glasgow Royal Infirmary by the use of Thallium Acetate, under the supervision of Dr. George Harvey.

(5) *Defective Nutrition.*—Among the routine cases examined, the number found to be below average was 491 (7.5 per cent.). The number above the average was 773 (11.9 per cent.). Twenty were classified as very bad (0.3 per cent.). Only one non-routine case was classified as below average.

During the war years the nutrition of the children has been well maintained, the children in each age group being at least one pound heavier and one inch taller than the County average since 1930.

(6) *Condition of Teeth.*—The dental condition of the children shows a slight improvement as compared with the previous session. The number of pupils with no teeth decayed was 4,160 (63.7 per cent.) as compared with 59.2 per cent. last year. The number with fewer than five teeth decayed was 1,625 (24.9 per cent.), and the number with more than five teeth decayed was 749 (11.4 per cent.). Seventy-nine children showed oral sepsis (1.2 per cent.). Several children in this group were suffering from Vincent's Disease, a condition which has definitely been on the increase in the last few years.

There is still a tendency on the part of parents to refuse dental treatment after routine dental examinations, when treatment would result in lasting benefit. The children appear later as emergency cases, impelled by toothache and its attendant ills, when the only treatment is extraction, often of permanent teeth.

#### (7) *Nose, Throat, and Lymphatic Glands :—*

(a) *Nose.*—Of the 6,534 routine cases examined, 116 (1.8 per cent.) suffered from catarrh, usually chronic. These were referred to the Ear, Nose and Throat Specialist for further investigation. Some cases of catarrh (non-purulent) followed the removal of adenoids. Advice as to diet and medical treatment was given to these. Nasal obstruction was noted in 48 cases (0.7 per cent.). This was usually due to adenoids, in some cases polypus or deflected nasal septum was found. Other nasal defects were found in 39 cases (0.6 per cent.).

(b) *Tonsils.*—Of the 6,534 routine cases examined, 539 (8.2 per cent.) had slightly enlarged tonsils. In most of these cases the tonsils were giving no trouble and required no treatment. Some of these children had recurring attacks of tonsillitis, and were referred to Dr. Fulton Christie. There were also 132 non-routine cases with slightly enlarged tonsils. The tonsils were much enlarged in 287 (4.4 per cent.) routine cases, and 119 non-routine cases. These were all referred to the Ear, Nose and Throat Specialist. Of the 6,534 routine cases examined, 906 (13.9 per cent.) had had tonsils and/or adenoids removed.

(b) 2.—*Adenoids*.—Of the 6,534 routine cases examined, 245 (3·7 per cent.) were found to have adenoids, while 42 (0·6 per cent.) were suspected to have adenoids, and were referred to Dr. Fulton Christie for further examination. Among the non-routine cases examined there were 100 children with adenoids, and 33 suspected of having them. Of the routine cases, 655 had had adenoids removed.

As in former years, a record was kept of the results of the removal of tonsils and/or adenoids as shown one year after operation. This table is shown on page 38.

The number of such cases (tonsils and adenoids removed) is now 4,183. Of these, 3,207 (76·6 per cent.) have been classified as satisfactory; 725 (17·3 per cent.) as moderately satisfactory; and 269 (6·1 per cent.) as unsatisfactory. Of the 664 children who had adenoids only removed, 303 (45·6 per cent.) had a satisfactory result, 229 (34·4 per cent.) were moderately satisfactory, and 132 (20·0 per cent.) were classed as unsatisfactory.

A record is also being kept of the late results of removal of tonsils and/or adenoids as shown during the examination of the Third and Fourth Age Groups.

The number of whom we now have a record is 652. The details are shown in the table on page 37.

Of the 652 re-examined, 607 (93·1 per cent.) had been satisfactory, and 45 (6·9 per cent.) unsatisfactory. The period elapsing between the operation and the re-examination varied from five years or under, to ten years.

(c) *Lymphatic Glands*, submaxillary and cervical.—Of the 6,534 routine cases examined, 231 (3·5 per cent.) had slightly enlarged sub-maxillary glands, and 16 (0·2 per cent.) had these glands markedly enlarged. There were also 16 non-routine cases slightly enlarged, and 10 markedly so.

Nearly all these enlargements were associated with an unhealthy condition of the tonsils or teeth. In only two cases was a tuberculous origin suspected.

The cervical glands were slightly enlarged in 72 cases (1·1 per cent.) routine, and 18 cases non-routine. Two non-routine cases were markedly enlarged. The commonest causes of this enlargement were scalp conditions associated with vermin or impetigo.

No children were examined who had suppurating glands.

(8) *Eye Conditions*.—Of the 6,534 routine cases examined, 196 (3·0 per cent.) suffered from squint, 53 (0·8 per cent.) had blepharitis, 6 (0·1 per cent.) had conjunctivitis, 8 (0·1 per cent.) had corneal opacities, and 30 (0·4 per cent.) suffered from other conditions. Among the non-routine cases examined, 51 had squint, 23 had blepharitis, 36 had conjunctivitis, 7 had corneal opacities, and 35 had other eye conditions.

The Orthoptic Treatment of Squints was resumed in January of this year, and a report of the work done will be found on page 44.

The vision of infants is not tested at the routine examinations. There were 4,088 children examined in the other age groups, and of these, 3,683 (90·2 per cent.) had good vision, 285 (6·9 per cent.) had fair vision, while 120 (2·9 per cent.) had bad vision, and 180 (4·4 per cent.) had bad vision in one eye only. There were also 117 non-routine cases with bad vision.

Pupils with bad vision or bad vision in one eye only were referred to Dr. Tennent, and also pupils in the Infant Department when for any reason defective vision is suspected.

This is also done with pupils whose vision is apparently normal, but who suffer from conditions such as headache which may be ocular in origin.

(9) *Ear Conditions*.—Of the 6,534 routine cases examined, 82 (1.2 per cent.) were suffering from ear conditions requiring treatment. Of these, 52 (0.8 per cent.) had otorrhoea, 20 (0.3 per cent.) had wax in one or both ears, and 10 (0.1 per cent.) suffered from other conditions such as polypus, foreign body in ear, etc.

There were also 55 non-routine cases with otorrhoea, 18 with wax, and 28 with other conditions.

Wax in the ear was noted only when it was sufficient to cause deafness.

There were 37 routine cases (0.6 per cent.) classified as slightly deaf, and 24 (0.4 per cent.) as very deaf. In addition, 17 non-routine cases were classified as slightly deaf, and none as very deaf. Many of the cases of deafness were associated with enlarged tonsils, and cleared up after their removal, as did also many cases of otorrhoea.

(10) *Defective Speech* was present in 45 routine cases examined (0.6 per cent.). Of this number, 30 (0.4 per cent.) had defective articulation, and 15 (0.2 per cent.) were stammerers. There were also 7 non-routine cases.

During the session Miss Kenny carried on the treatment of these by Speech Therapy. The number of children treated was 269, of whom 25 were discharged as cured, 17 left with treatment incomplete, and 227 were retained. A full report of the scheme will be found on page 44.

(11) *Mental and Nervous Conditions*.—Of the 6,534 routine cases examined, 13 were found to be suffering from diseases of the nervous system (0.2 per cent. of the whole). Of these, 1 (0.1 per cent.) had epilepsy, 4 (0.1 per cent.) had chorea, and 8 (0.1 per cent.) had infantile paralysis. Among the non-routine cases examined there were 2 children with epilepsy, 17 with chorea, and 1 with infantile paralysis, a total of 20.

Table 7—Q showing the number of Backward and Mentally Deficient Children is of no value whatever, as the Medical Officers have no means of knowing which children are backward until the question of the child's mental condition comes up for decision.

The number of routine cases returned as backward was 50 (0.7 per cent.), and 20 non-routine cases.

These figures do not, of course, include children in Special Schools.

(12) *Heart Conditions*.—Of the 6,534 routine cases examined, 57 (0.8 per cent.) were found to have heart disease, either organic or functional. Of these, 44 (0.6 per cent.) had organic disease (8 congenital, 36 acquired), while 13 cases (0.2 per cent.) showed a functional condition.

There were also fifteen non-routine cases of heart disease, 12 organic and 3 functional. During the present session it has again not been found possible during the present session to continue the "following up" and regular re-examination of cases showing evidence of heart weakness, but every effort is made to keep them under supervision as regards drill and baths.

(13) *Lung Conditions*.—There were 200 cases (3.1 per cent.) of lung conditions among the routine cases examined. Of these, 128 (2.0 per cent.) had bronchial catarrh, 54 (0.8 per cent.) had bronchitis, and 18 (0.3 per cent.) had asthma. There were also 26 non-routine cases with bronchial catarrh, 40 with bronchitis, 14 with asthma, and one with tuberculosis.

There is the closest co-operation between the School Medical Officers and the Tuberculosis Officers, and all cases in which there is the slightest suspicion of tuberculosis, are referred to the Tuberculosis Officers for an opinion.

(14) *Deformities*.—Deformities were present in 214 cases (3·3 per cent.), only 6 being due to rickets (0·1 per cent.). Of the remainder, 21 (0·3 per cent.) were congenital conditions, and 187 (3·0 per cent.) were acquired. There were also 49 non-routine cases, all acquired. The acquired cases consisted of postural deformities, such as Kyphosis, Scoliosis, Flat-Foot, and conditions following infantile paralysis. Suitable cases were referred to the Orthopaedic Staff for treatment, and further particulars will be found on page 36.

(15) *Infectious Diseases*.—Among the routine cases examined, 27 (0·4 per cent.) were found to be suffering from infectious disease, 4 from scarlet fever, 5 from whooping-cough, 5 from German measles, 11 from chickenpox, and 2 from mumps. There were 47 cases of infectious disease among the non-routine cases (whooping-cough 12, German measles 7, chickenpox 26, and mumps 2).

(16) *Other Diseases and Defects*.—These were noted in 288 (4·4 per cent.) of the routine cases examined, 10 (0·1 per cent.) with hernia, and 278 (4·2 per cent.) showed other diseases. There were 433 non-routine cases who showed evidence of other diseases, 3 of which had hernia. Four routine cases showed evidence of non-pulmonary tubercular disease, 2 glands, and 2 abdominal. One non-routine case showed infection of glands, and one of bones.

## (6) MEDICAL TREATMENT.

The details in connection with the following sub-headings will be found in the body of the report on the pages indicated against each item.

It is quite impossible to ascertain accurately how many children in these groups received treatment privately or through a voluntary hospital under arrangements made by parents.

**A.—Minor Ailments :** (1), (2), (3) and (4). See "Treatment of Minor Ailments" on page 39.

**B.—Defective Vision and Squint.** See tables "Ophthalmic Treatment of School Children," pages 42-43; also "Report on Orthoptic Treatment" on page 44.

**C.—Nose and Throat (Operative Treatment).** See Table "Throat, Nose and Ear Clinics" on page 40.

## (7) DENTAL TREATMENT.

The information required is contained in table "Dental Treatment," page 41, and also in Table V, "Dental Inspection and Treatment."

## (8) SPECIAL SCHOOLS AND CLASSES.

Particulars regarding the facilities in use for exceptional children will be found on page 33 of this report.

There were no holiday camps during the present session, but Cardross Park Home, opened in June, 1941, for the accommodation of evacuee children, and now available for children of all ages, convalescent from illness, or requiring special care, has once more proved of very real value to the County. There is accommodation for some forty children, and there is now a teacher for those able to do lessons.

During the session, 112 children have been admitted, 21 evacuees and 91 others, for varying periods, with excellent results.

**(9) ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.**

This subject is referred to on page 34.

**(10) OTHER ACTIVITIES IN RELATION TO THE HEALTH OF SCHOOL CHILDREN.**

On page 34 and succeeding pages are recorded particulars regarding the Feeding of School Children under the Local Authority Schemes, Employment of School Children, and the Admission of Children to Approved Schools, in so far as these affect the work of the School Medical Officers.

For some years the School Medical Officers have been investigating the results of the removal of tonsils and/or adenoids, as shown at about a year after the operation, and the cumulative findings of these enquiries are embodied in the table printed on page 38.

For the sixth session in succession this enquiry has been extended to children who had been operated on at varying periods up to ten years previously, and the data will be found on page 37. The work of the Orthopaedic Clinics will be found detailed on page 36.

The Clinic in Helensburgh has resulted in a very definite increase in attendance, and a clinic has now been opened in Bearsden. There is an urgent need for a clinic in the Vale of Leven district.

Clinics for the treatment of Scabies have been in operation during the present session, and have very materially reduced the prevalence of this scourge.

## (5) FINDINGS OF MEDICAL INSPECTION.

## B.—Statistical Tables.

TABLE I.

Total number of children examined at :—

					(a) Systematic Examinations.	Other Systematic Examinations.
Ordinary Schools	Entrants	...	...	...	2,446	—
	Second Age Group	...	...	...	1,978	—
	Third Age Group	...	...	...	1,955	—
	Fourth Age Group	...	...	...	—	—
Secondary Schools	Age Group	...	...	...	155	—
Total					<u>6,534</u>	<u>Nil</u>

					(b) Other Examinations.
Special Cases					2,200
Re-inspections by Medical Officer					8,189
Total					<u>10,389</u>

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanness and dental caries).

Entrants	...	...	...	...	1,093
Second Age-Group	...	...	...	...	881
Third Age-Group	...	...	...	...	647
Fourth Age-Group	...	...	...	...	—
Secondary Age-Group	...	...	...	...	55
Other Systematic Examinations					—
Total					<u>2,676</u>

Table II.—See page 54.

Table III.—See page 54a.

## Table IV.—Return of All Exceptional Children of School Age in the Area.

It has not been found possible to give the details required by this table with sufficient accuracy, and the table is therefore omitted.

TABLE III.—SYSTEMATIC MEDICAL EXAMINATIONS.

Classification.	Entrants.		Second Age-Group.		Third Age-Group.		Fourth Age-Group.		Total	
	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined at Systematic Medical Examinations
I.—Children free from Defects	1509	61.8	1122	56.8	1157	59.2	94	60.6	3882	59.5
II.—Children (otherwise free from defects) who suffer from:—										
(a) Defective Vision not worse than 6/12 in the better eye with or without glasses.	34	1.4	102	5.2	114	5.8	7	4.5	257	3.9
(b) Conditions of the Mouth and Teeth requiring treatment	158	6.4	162	8.2	201	10.4	16	10.4	537	8.2
(c) Both (a) and (b) ...	1	0.1	7	0.3	25	1.2	1	0.6	34	0.5
Total ...	193	7.9	271	13.7	340	17.4	24	15.5	828	12.6
III.—Children suffering from Ailments (other than those mentioned in II.) from which complete recovery is expected within a few weeks ...	657	26.8	448	22.6	292	15.0	17	10.9	1414	21.7
IV.—Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II. and III., distinguishing cases:—										
(a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible ...	64	2.6	99	5.0	102	5.2	16	10.4	281	4.3
(b) Where improvement only is considered possible, e.g., without complete restoration of function ...	23	0.9	38	1.9	64	3.2	4	2.6	129	1.9
Total ...	87	3.5	137	6.9	166	8.4	20	13.0	410	6.2
Total Number of Children Examined ...	2446	100.0	1978	100.0	1955	100.0	155	100.0	6534	100.0



**TABLE V.—DENTAL INSPECTION AND TREATMENT.**

(1) Inspected by the Dental Officers :—

Age.	(a) Systematic Examinations.	(b) Special or Emergency Cases.	Total.
5	1364	105	1469
6	1514	104	1618
7	1859	112	1971
8	1624	116	1740
9	1211	84	1295
10	1216	77	1293
11	1381	90	1471
12	1160	67	1227
13	1706	96	1802
14	136	58	194
15	63	11	74
16	18	5	23
17	10	7	17
Totals ...	<u>13,262</u>	<u>932</u>	<u>14,194</u>

	Systematic Examinations.	Special or Emergency Cases.	Total.
(2) Found to require Treatment ...	7811	932	8743
(3) Actually treated by School Dental Officers ... ..	4266	932	5198
(4) Number of Attendances made by children for treatment ... ..	8000	947	8947
(5) Fillings * (a) Permanent Teeth ...	2305	308	2613
(b) Temporary Teeth ...	59	19	78
(6) Extractions (a) Permanent Teeth ...	1209	259	1468
(b) Temporary Teeth ...	6198	1040	7238
(7) Number of Administrations of a general anaesthetic for extractions	885	53	938
(8) Other operations :— *			
(a) Permanent Teeth ... ..	1667	340	2007
(b) Temporary Teeth ... ..	123	13	136
(9) Half-days devoted to—			
(a) Inspection ... ..	90	3	93
(b) Treatment ... ..	1137	213	1350
(10) Children treated under private arrangements—No accurate information is available.			

\* Temporary fillings, whether in permanent or temporary teeth, should be recorded as "other operations."

TABLE II.—SYSTEMATIC EXAMINATIONS.

Return of Number and Percentage of Individual Children in each Age-Group suffering from Particular Defects.

Total Examined at all Ages—6534.																							
Total examined In each age group—by sexes.		Entrants.				Second Age-Group.				Third Age-Group.				Fourth Age-Group.				All Ages.					
		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.			
		1231	1215	No.	%	987	No.	%	991	No.	%	1006	No.	%	949	No.	%	73	No.	%	3237	No.	%
Number showing defects.		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Nature of Defect.																							
1. Clothing Unsatisfactory	...	9	0.7	12	1.0	27	2.7	19	1.9	8	0.8	5	0.5				...	...	...	44	1.3	36	1.1
2. Footgear Unsatisfactory	...	10	0.8	6	0.5	16	1.6	8	0.8	13	1.3	3	0.3				...	...	...	39	1.1	17	0.5
3. Uncleanliness (Head, Body, or both)	...	54	4.3	185	15.2	56	5.6	225	22.7	50	4.9	215	22.5	1	1.3	2	2.4	161	4.5	627	19.3		
4. Skin (Head and/or Body)	...	52	4.2	40	3.3	61	6.1	30	3.0	45	4.4	44	4.6	10	13.7	5	6.1	168	4.9	119	3.6		
5. Defective Nutrition	...	111	9.0	114	9.1	95	9.6	119	12.0	69	6.8	41	4.3	5	6.8	...	...	280	8.4	274	8.4		
6. Mouth and Teeth Unhealthy	...	92	7.4	72	5.9	129	13.0	125	12.6	172	17.1	152	16.0	13	17.8	9	10.9	406	12.2	358	11.0		
7. Nose, Throat and/or Glands	...	87	7.0	92	7.5	32	3.2	38	3.8	20	1.9	29	3.0	1	1.3	2	2.4	140	4.2	161	4.9		
8. Eye Conditions	...	61	4.9	53	4.3	72	7.2	85	8.5	60	5.9	81	8.5	13	17.8	8	9.7	206	6.0	227	7.0		
9. Ear Conditions	...	20	1.6	24	1.9	13	1.3	8	0.8	14	1.3	10	1.0	...	...	...	...	47	1.4	42	1.2		
10. Defective Speech	...	13	1.0	9	0.7	9	0.9	7	0.7	4	0.3	9	0.9	...	...	...	...	26	0.7	25	0.7		
11. Mental and Nervous Conditions	...	9	0.7	7	0.6	18	1.8	14	1.4	3	0.2	7	0.7	1	1.3	...	...	31	0.9	28	0.8		
12. Heart Conditions	...	12	0.9	3	0.2	12	1.2	12	1.2	8	0.8	12	1.2	1	1.3	1	1.2	33	1.0	28	0.8		
13. Lung Conditions	...	49	3.9	52	4.2	35	3.5	25	2.5	21	2.0	15	1.5	4	5.4	1	1.2	109	3.3	93	2.8		
14. Deformities	...	38	3.0	25	2.0	54	5.4	46	4.6	39	3.8	18	1.9	1	1.3	...	...	132	4.0	89	2.7		
15. Infectious Diseases	...	4	0.1	11	0.9	2	0.2	5	0.5	6	0.5	...	...	...	...	...	...	12	0.3	16	0.4		
16. Other Diseases or Defects	...	56	4.5	51	4.1	51	5.1	38	3.8	49	4.8	43	4.5	...	...	...	...	156	4.7	134	4.1		

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COUNTY COUNCIL OF DUNBARTON.

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# Thirty-fourth Annual Report

on the

MEDICAL INSPECTION OF  
SCHOOL CHILDREN.

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1944-1945.

(Year ending 31st July, 1945).

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KIRKINTILLOCH

PRINTED BY D. MACLEOD, LTD.



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## County Council of Dunbarton.

## SCHOOL MEDICAL STAFF.

**Supervising School Medical Officer.**

SAMUEL HARVEY, M.B., Ch.B., M.R.C.P. (Edin.), D.P.H.

**School Medical Officers.**

MILDRED M. L. CATHELS, M.B., Ch.B., D.P.H.

ANDREW D. COWAN, M.B., Ch.B., D.P.H.

CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (part-time).

**Dental Surgeons.**

ELIZABETH McKENDRICK, L.D.S.

VERA PUGH, L.D.S.

FELIX A. CASSIDY, L.D.S.

Mrs. MARY W. DINN, L.D.S.

**Ophthalmic Surgeon.**

JAMES N. TENNENT, M.B., Ch.B., D.O.M.S., B.Sc. (part-time).

**Ear, Throat and Nose Specialist.**

J. FULTON CHRISTIE, M.B., Ch.B., F.R.F.P.S. (part-time).

**Nurse in Charge, Orthopaedic Clinics.**

MORAG GALLOWAY.

**Instructresses at Orthopaedic Clinics (Part-time).**

M. JOCKEL (Resigned 19th April, 1945). J. S. HOWATT. A. McF. MALCOLM.

**Orthoptist.**

CAROL RICHARDSON.

**Nursing Staff.**

C. M. JEFFREY.

J. SCOTT.

M. GILMOUR.

K. STEVENSON.

A. GEE.

C. ROBERTSON.

(Resigned 30th June, 1945).

C. McNAIR.

I. OAKE\*.

R. L. SHAW\*.

E. A. SANDILANDS\*.

M. MACDONALD.

C. KING\*.

R. SMITH\*.

E. M. RANKIN.

J. C. MACBETH\*.

M. McCALLUM\*.

M. CALLANDER\*.

\* During the Session the School Nursing Staff was amalgamated with the Child Welfare Staff. Those marked \* were formerly Child Welfare Nurses. All Nurses now do both School and Child Welfare Work in their own districts except in Clydebank and Dumbarton Burghs where they do School Work only.

**Nurse at Special School.**

J. MACDONALD.

**Dental Attendants.**

ANNIE J. RAE.

ANNIE BLACK.

WILLIAM BENNIE (On Active Service).

ELIZABETH ROLLO.

C. ROGERS.

**Attendant at Orthopaedic Clinics.**

MARGARET C. BLACK.

**Clerks.**

GEORGE S. BROWNE.

BELLA J. N. AIRTH.

# REPORT

on the

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN  
THE COUNTY OF DUNBARTON.

## I.—List of Staff.

See Page 5

## 2.—(a) Number of Schools.

### School Management Area.

Cumbernauld	...	...	...	...	...	...	...	...	4
Kirkintilloch	...	...	...	...	...	...	...	...	6
New Kilpatrick	...	...	...	...	...	...	...	...	4
Old Kilpatrick	...	...	...	...	...	...	...	...	10
Dumbarton	...	...	...	...	...	...	...	...	9
Vale of Leven	...	...	...	...	...	...	...	...	12
Helensburgh ...	...	...	...	...	...	...	...	...	13
Total	...	...	...	...	...	...	...	...	58

## (b) Number of Children on Register and in Average Attendance during Session 1944-45.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld ... ..	857.3	No figures	accurate available
Kirkintilloch ... ..	3,347.13		
New Kilpatrick ... ..	1,859.1		
Old Kilpatrick ... ..	5,495.7		
Dumbarton ... ..	4,648.6		
Vale of Leven ... ..	3,270.9		
Helensburgh ... ..	1,753.98		
Total ... ..	21,232.71	...	...

### 3.—Number of Visits for Systematic Examinations.

**Note.**—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above ... .. 457

### 4.—Number of Special Visits by Medical Officers.

For re-examination of defective children	...	...	...	18
For examination of backward, or mentally, or physically defective children	...	...	...	38
Attendances at Clinics	...	...	...	349
Attendance for Office Work, etc.	...	...	...	69
For inquiry regarding infectious diseases (including scabies)	...	...	...	25
Diphtheria Immunisation	...	...	...	95

### 5.—Sanitary Condition of Schools.

The maintenance of the schools in the County is undertaken by the County Architects Department, and every effort was made to keep the high standard of pre-war cleanliness and comfort.

### 6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-operation with Public Health Departments.

Full particulars regarding these matters are included in Section 4 of the revised report, page 50 of the Annual Report 1938-39.

### 6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No of Parents Present at Non-Routine Examinations.
Cumbernauld ...	243	90	37·0	5
Kirkintilloch ...	1114	461	41·3	113
New Kilpatrick	604	286	47·3	11
Old Kilpatrick	1666	813	48·8	360
Dumbarton ...	1360	494	36·3	278
Vale of Leven	973	538	55·2	306
Helensburgh ...	546	248	45·4	163
Total ...	6506	2930	45·0	1236

# 7.—THE PHYSICAL CONDITION OF SCHOOL CHILDREN.

A.—Total Number of Children Examined.

SCHOOL MANAGEMENT AREA	ROUTINE CASES.																			
	Entrants			Age 8			Age 13			Age 16			Total							
	Aver. age	Boys	Girls	Total	Aver. age	Boys	Girls	Total	Aver. age	Boys	Girls	Total	Boys	Girls	Total					
Cumbernauld	5 <sup>4</sup> / <sub>12</sub>	32	56	88	8 <sup>8</sup> / <sub>12</sub>	49	64	113	13 <sup>10</sup> / <sub>12</sub>	23	19	42	...	104	139	243	18			
Kirkintilloch	5 <sup>6</sup> / <sub>12</sub>	169	162	331	8 <sup>8</sup> / <sub>12</sub>	195	159	354	13 <sup>10</sup> / <sub>12</sub>	201	185	386	16 <sup>11</sup> / <sub>12</sub>	26	17	43	591	523	1114	281
New Kilpatrick	5 <sup>10</sup> / <sub>12</sub>	112	115	227	8 <sup>7</sup> / <sub>12</sub>	101	98	199	13 <sup>10</sup> / <sub>12</sub>	69	77	146	16 <sup>10</sup> / <sub>12</sub>	21	11	32	303	301	604	55
Old Kilpatrick	5 <sup>7</sup> / <sub>12</sub>	346	280	626	8 <sup>1</sup> / <sub>12</sub>	300	305	605	13 <sup>7</sup> / <sub>12</sub>	221	214	435	...	867	799	1666	589			
Dumbarton ...	5 <sup>8</sup> / <sub>12</sub>	166	199	365	9 <sup>7</sup> / <sub>12</sub>	177	158	335	13 <sup>10</sup> / <sub>12</sub>	285	315	600	16 <sup>10</sup> / <sub>12</sub>	38	22	60	666	694	1360	533
Vale of Leven	5 <sup>10</sup> / <sub>12</sub>	160	171	331	8 <sup>7</sup> / <sub>12</sub>	177	178	355	13 <sup>10</sup> / <sub>12</sub>	139	128	267	16 <sup>10</sup> / <sub>12</sub>	8	12	20	484	489	973	356
Helensburgh ...	5 <sup>6</sup> / <sub>12</sub>	107	75	182	8 <sup>7</sup> / <sub>12</sub>	97	83	180	13 <sup>10</sup> / <sub>12</sub>	71	78	149	16 <sup>10</sup> / <sub>12</sub>	15	20	35	290	256	546	194
Total ...	5 <sup>6</sup> / <sub>12</sub>	1092	1058	2150	8 <sup>10</sup> / <sub>12</sub>	1096	1045	2141	13 <sup>10</sup> / <sub>12</sub>	1009	1016	2025	16 <sup>10</sup> / <sub>12</sub>	108	82	190	3305	3201	6506	2026

School Management Area		No. of Routine cases examined	SUFFICIENCY						REPAIR						CLEANLINESS								
			Good		Medium		Bad		Non-Routine	Good		Medium		Bad		Non-Routine	Good		Medium		Bad		
			No.	%	No.	%	No.	%		No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.
Cumbernauld	Boys	104	104	100-0	...	...	...	...	...	104	100-0	...	...	...	...	...	104	100-0	...	...	...	...	...
	Girls	139	139	100-0	...	...	...	...	...	139	100-0	...	...	...	...	...	139	100-0	...	...	...	...	...
	Total	243	243	100-0	...	...	...	...	...	243	100-0	...	...	...	...	...	243	100-0	...	...	...	...	...
Kirkintilloch	Boys	591	590	99-8	...	...	1	0-2	...	590	99-8	...	...	1	0-2	...	590	99-8	1	0-2	...	...	...
	Girls	523	523	100-0	...	...	...	...	...	523	100-0	...	...	...	...	...	521	99-6	...	...	2	0-4	...
	Total	1114	1113	99-9	...	...	1	0-1	...	1113	99-9	...	...	...	...	...	1111	99-7	1	0-1	2	0-2	...
New Kilpatrick	Boys	303	303	100-0	...	...	...	...	...	303	100-0	...	...	...	...	...	303	100-0	...	...	...	...	...
	Girls	301	301	100-0	...	...	...	...	...	301	100-0	...	...	...	...	...	301	100-0	...	...	...	...	...
	Total	604	604	100-0	...	...	...	...	...	604	100-0	...	...	...	...	...	604	100-0	...	...	...	...	...
Old Kilpatrick	Boys	867	867	100-0	...	...	...	...	...	850	98-1	17	1-9	...	...	...	843	97-3	3	0-3	21	2-4	...
	Girls	799	799	100-0	...	...	...	...	...	785	98-3	14	1-7	...	...	...	785	98-3	1	0-1	13	1-6	...
	Total	1666	1666	100-0	...	...	...	...	...	1635	98-2	31	1-8	...	...	...	1628	97-8	4	0-2	34	2-0	...
Dumbarton	Boys	666	666	100-0	...	...	...	...	...	666	100-0	...	...	...	...	...	666	100-0	...	...	...	...	...
	Girls	694	694	100-0	...	...	...	...	...	694	100-0	...	...	...	...	...	692	99-7	2	0-3	...	...	...
	Total	1360	1360	100-0	...	...	...	...	...	1360	100-0	...	...	...	...	...	1358	99-9	2	0-1	...	...	...
Vale of Leven	Boys	484	484	100-0	...	...	...	...	...	465	96-1	1	0-2	18	3-7	...	465	96-1	1	0-2	18	3-7	...
	Girls	489	489	100-0	...	...	...	...	...	470	96-1	...	...	19	3-9	...	468	95-7	...	...	21	4-3	...
	Total	973	973	100-0	...	...	...	...	...	935	96-1	1	0-1	37	3-8	...	933	95-9	1	0-1	39	4-0	...
Helensburgh	Boys	290	290	100-0	...	...	...	...	...	282	97-3	...	...	8	2-7	...	282	97-3	...	...	8	2-7	...
	Girls	256	256	100-0	...	...	...	...	...	249	97-3	...	...	7	2-7	...	249	98-7	...	...	7	1-3	...
	Total	546	546	100-0	...	...	...	...	...	531	97-3	...	...	15	2-7	...	531	98-0	...	...	15	2-0	...
Total	Boys	3305	3304	99-9	...	...	1	0-1	...	3260	98-7	18	0-5	27	0-8	...	3253	98-5	5	0-1	47	1-4	...
	Girls	3201	3201	100-0	...	...	...	...	...	3161	98-8	14	0-4	26	0-8	...	3155	98-6	3	0-1	43	1-3	...
	Total	6506	6505	99-9	...	...	1	0-1	...	6421	98-8	32	0-4	53	0-8	...	6408	98-5	8	0-1	90	1-4	...

## 7.-E. FOOTGEAR.

School Management Area	Number Examined.	ROUTINE CASES						NON-ROUTINE	
		Good		Medium		Bad		None	Bad
		No.	%	No.	%	No.	%		
Cumbernauld	Boys	104	100.0	...	...	...	...	...	...
	Girls	139	100.0	...	...	...	...	...	...
	Total	243	100.0	...	...	...	...	...	...
Kirkintilloch	Boys	589	99.6	1	0.2	1	0.2	...	...
	Girls	523	100.0	...	...	...	...	...	...
	Total	1112	99.8	1	0.1	1	0.1	...	...
New Kilpatrick	Boys	303	100.0	...	...	...	...	...	...
	Girls	301	100.0	...	...	...	...	...	...
	Total	604	100.0	...	...	...	...	...	...
Old Kilpatrick	Boys	867	98.3	3	0.3	13	1.4	...	...
	Girls	799	99.5	...	...	4	0.5	...	...
	Total	1666	98.8	3	0.2	17	1.0	...	...
Dumbarton	Boys	666	99.7	...	...	2	0.3	...	...
	Girls	694	99.6	...	...	3	0.4	...	...
	Total	1360	99.6	...	...	5	0.4	...	...
Vale of Leven	Boys	484	97.3	...	...	13	2.7	...	...
	Girls	489	97.8	...	...	11	2.2	...	...
	Total	973	97.6	...	...	24	2.4	...	...
Helensburgh	Boys	290	97.3	...	...	8	2.7	...	...
	Girls	256	98.8	...	...	3	1.2	...	...
	Total	546	98.1	...	...	11	1.9	...	...
Total ...	Boys	3305	98.8	4	0.1	37	1.1	...	...
	Girls	3201	99.4	...	...	21	0.6	...	...
	Total	6506	99.1	4	0.1	58	0.8	...	...

7.—B. Number of Children notified to Parents as suffering from Defects.

10a

School Management Area		Cumbernauld			Kirkintilloch			New Kilpatrick			Old Kilpatrick			Dumbarton			Vale of Leven			Helensburgh			Total		
Number of Routine Cases Examined		243			1114			604			1666			1360			973			546			6506		
Card	Defect	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
A.	Vermin or Nits on Head ...	7	2.9	...	43	3.8	4	14	2.3	2	168	10.1	6	176	12.9	9	120	12.3	2	39	7.1	1	567	8.7	24
G.	Vermin on Clothing ...	...	...	...	2	0.2	...	...	...	...	2	0.1	...	1	...	...	1	...	...	...	...	...	6	0.1	...
J.	Unsatisfactory Footgear ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
K.	Unsatisfactory Clothing ...	...	...	...	2	0.2	...	...	...	...	...	...	...	2	0.1	...	2	0.2	...	1	0.2	...	7	0.1	...
D.	Tonsils and Adenoids ...	15	6.1	2	49	4.4	27	34	5.6	6	182	10.9	110	127	9.3	60	110	11.3	46	55	10.0	40	572	8.8	291
E.	Ear Disease ...	2	0.8	1	7	0.6	23	3	0.5	...	16	0.9	22	13	0.9	29	22	2.2	20	5	0.9	4	68	1.0	99
H.	Defective Vision and Eye Disease	29	11.9	4	142	12.7	27	48	7.9	10	222	13.3	124	207	15.2	52	121	12.4	45	60	10.9	30	829	12.7	292
U.M.T.	Already under Treatment ...	11	4.5	...	32	2.8	1	14	2.3	...	20	1.2	...	1	0.1	...	4	0.4	...	...	...	...	82	1.3	1
	For Orthopaedic or Ultra-Violet Light Treatment ...	3	1.2	...	30	2.7	4	14	2.3	1	48	1.4	9	46	3.3	3	30	3.0	8	15	2.7	13	186	2.8	38
P.A.	Parents Advised ...	90	37.0	5	461	41.3	113	286	47.3	11	813	48.8	360	494	36.3	278	538	55.2	306	248	45.4	163	2930	45.0	1236



SCHOOL MANAGEMENT AREA	No. of Routine Cases exam- ined	ROUTINE CASES										NON-ROUTINE CASES			
		Head					Body					Head		Body	
		Nits		Vermin		%	Nits		Vermin		%	Nits	Vermin	Nits	Vermin
		No.	%	No.	%		No.	%	No.	%					
Cumbernauld	Boys	104	...	...	...	...	...	...	...	...	...	...	...	...	...
	Girls	139	5.0	...	...	...	...	...	...	...	...	...	...	...	...
	Total	243	7	2.9	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	Boys	591	...	...	...	...	...	...	...	...	...	...	...	...	...
	Girls	523	43	8.2	...	0.2	...	...	...	...	...	...	...	...	...
	Total	1114	43	4.1	...	0.1	...	...	...	...	...	3	1	...	...
New Kilpatrick	Boys	303	1	0.3	...	...	...	...	...	...	...	...	...	...	...
	Girls	301	5	1.7	...	...	...	...	...	...	...	...	...	...	...
	Total	604	6	1.0	...	...	...	...	...	...	...	1	1	...	...
Old Kilpatrick	Boys	867	4	0.5	...	...	...	...	...	...	...	...	...	...	...
	Girls	799	163	20.3	...	0.1	...	...	...	...	...	...	...	...	...
	Total	1666	167	10.4	...	0.1	...	...	...	...	...	4	2	...	...
Dumbarton	Boys	666	3	0.4	...	...	...	...	...	...	...	...	...	...	...
	Girls	694	172	24.8	...	0.3	...	...	...	...	...	...	...	...	...
	Total	1360	175	12.6	...	0.1	...	...	...	...	...	7	2	...	...
Vale of Leven	Boys	484	3	0.6	...	...	...	...	...	...	...	...	...	...	...
	Girls	489	120	24.5	...	...	...	...	...	...	...	...	...	...	...
	Total	973	123	12.5	...	...	...	...	...	...	...	2	...	...	...
Helensburgh	Boys	290	2	0.7	...	...	...	...	...	...	...	...	...	...	...
	Girls	256	37	14.4	...	0.7	...	...	...	...	...	...	...	...	...
	Total	546	39	7.5	...	0.3	...	...	...	...	...	...	1	...	...
Total	Boys	3305	13	0.4	...	0.1	...	...	...	...	...	...	...	...	...
	Girls	3201	547	17.0	...	0.1	...	...	...	...	...	...	...	...	...
	Total	6506	560	8.7	...	0.1	...	...	...	...	...	17	7	...	...

# 7.—G. CLEANLINESS OF HEAD AND BODY.

(b) Cleanliness.

SCHOOL MANAGEMENT AREA	No. of Rou- tine Cases exam- ined	ROUTINE CASES.												NON- ROUTINE	
		Head						Body						Head	Body
		Good		Medium		Bad		Good		Medium		Bad			
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
		Bad	Bad	Bad	Bad	Bad	Bad	Bad	Bad	Bad	Bad	Bad	Bad	Bad	Bad
Cumbernauld	Boys	104	99.1	...	...	1	0.9	100	96.2	3	2.9	1	0.9	...	...
	Girls	139	100.0	...	...	...	...	138	99.3	1	0.7	...	...	...	...
	Total	243	99.6	...	...	1	0.4	238	97.8	4	1.8	1	0.4	...	...
Kirkintilloch	Boys	591	98.7	8	1.3	...	...	566	95.8	20	3.4	5	0.8	...	...
	Girls	523	97.9	10	1.9	1	0.2	505	96.6	12	2.3	6	1.1	...	...
	Total	1114	98.3	18	1.6	1	0.1	1071	96.2	32	2.9	11	0.9	...	...
New Kilpatrick	Boys	303	100.0	...	...	...	...	302	99.7	1	0.3	...	...	...	...
	Girls	301	99.7	1	0.3	...	...	301	100.0	...	...	...	...	...	...
	Total	604	99.8	1	0.2	...	...	603	99.8	1	0.2	...	...	...	...
Old Kilpatrick	Boys	867	98.5	8	0.9	5	0.6	838	96.7	20	2.3	9	1.0	...	...
	Girls	799	97.3	21	2.6	1	0.1	782	97.9	14	1.7	3	0.4	...	...
	Total	1666	98.0	29	1.7	6	0.3	1620	97.3	34	2.0	12	0.7	...	...
Dumbarton	Boys	666	99.8	1	0.1	1	0.1	657	98.7	...	...	9	1.3	...	...
	Girls	694	99.6	1	0.1	2	0.3	684	98.6	...	...	10	1.4	...	...
	Total	1360	99.7	2	0.1	3	0.2	1341	98.7	...	...	19	1.3	...	...
Vale of Leven	Boys	484	98.6	1	0.2	6	1.2	472	97.6	1	0.2	11	2.2	...	...
	Girls	489	99.6	1	0.2	1	0.2	481	98.4	...	...	8	1.6	...	...
	Total	973	99.1	2	0.2	7	0.7	953	98.0	1	0.1	19	1.9	...	...
Helensburgh	Boys	290	98.6	...	...	4	1.4	284	97.9	...	...	6	2.1	...	...
	Girls	256	100.0	...	...	...	...	253	99.0	...	...	3	1.0	...	...
	Total	546	99.3	...	...	4	0.7	537	99.5	...	...	9	1.5	...	...
Total	Boys	3305	99.3	18	0.5	17	0.2	3219	97.5	45	1.3	41	1.2	...	...
	Girls	3201	98.8	34	1.1	5	0.1	3144	98.5	27	0.6	30	0.9	...	...
	Total	6506	99.1	52	0.8	22	0.1	6363	98.1	72	0.9	71	1.0	...	...

7.-F. Average Heights and Weights in Inches and Pounds.

11A

School Management Area	BOYS																GIRLS															
	Entrants				Age 8				Age 13				Age 16				Entrants				Age 8				Age 13				Age 16			
	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight
Cumbernauld...	32	5 $\frac{1}{2}$	41-3	40-7	49	8 $\frac{1}{2}$	48-9	56-8	23	12 $\frac{1}{2}$	58-2	85-6	...	...	...	...	56	5 $\frac{1}{2}$	41-3	39-3	64	8 $\frac{1}{2}$	48-5	54-7	19	13 $\frac{1}{2}$	58-9	93-0	...	...	...	...
Kirkintilloch ...	169	5 $\frac{5}{8}$	42-3	41-9	195	8 $\frac{1}{2}$	49-3	56-6	201	12 $\frac{1}{2}$	58-5	86-9	26	16 $\frac{1}{2}$	68-5	129-5	162	5 $\frac{1}{2}$	41-8	39-2	159	8 $\frac{1}{2}$	48-8	53-7	185	13 $\frac{1}{2}$	59-3	93-5	17	16 $\frac{1}{2}$	62-8	116-5
New Kilpatrick	112	5 $\frac{1}{2}$	43-0	44-0	101	8 $\frac{1}{2}$	49-9	58-8	69	12 $\frac{1}{2}$	60-1	92-5	21	16 $\frac{1}{2}$	67-7	138-4	115	5 $\frac{1}{2}$	43-5	43-0	98	8 $\frac{1}{2}$	49-9	57-5	77	13 $\frac{1}{2}$	60-7	99-5	11	16 $\frac{1}{2}$	63-5	122-7
Old Kilpatrick	346	5 $\frac{1}{2}$	42-6	42-4	300	9 $\frac{1}{2}$	49-7	57-4	221	13 $\frac{1}{2}$	58-8	89-6	...	...	...	...	280	5 $\frac{1}{2}$	42-1	40-8	305	8 $\frac{1}{2}$	49-1	55-3	214	13 $\frac{1}{2}$	59-2	93-6	...	...	...	...
Dumbarton ...	166	5 $\frac{1}{2}$	42-8	41-8	177	9 $\frac{1}{2}$	51-2	61-8	285	13 $\frac{1}{2}$	58-7	84-4	38	16 $\frac{1}{2}$	66-8	126-7	199	5 $\frac{1}{2}$	42-8	41-3	158	9 $\frac{1}{2}$	51-2	61-2	315	13 $\frac{1}{2}$	59-5	93-1	22	16 $\frac{1}{2}$	62-9	117-6
Vale of Leven	160	5 $\frac{1}{2}$	42-6	41-6	177	9 $\frac{1}{2}$	49-2	55-7	139	13 $\frac{1}{2}$	58-9	89-0	8	16 $\frac{1}{2}$	66-3	112-9	117	5 $\frac{1}{2}$	42-4	40-0	178	8 $\frac{1}{2}$	48-9	54-5	128	13 $\frac{1}{2}$	60-4	98-6	12	16 $\frac{1}{2}$	60-9	119-8
Helensburgh ...	107	5 $\frac{1}{2}$	43-3	44-6	97	8 $\frac{1}{2}$	50-1	58-4	71	13 $\frac{1}{2}$	59-1	89-5	15	16 $\frac{1}{2}$	65-9	132-5	75	5 $\frac{1}{2}$	42-8	42-5	83	8 $\frac{1}{2}$	49-2	55-6	78	13 $\frac{1}{2}$	59-7	92-0	20	16 $\frac{1}{2}$	63-0	115-1
Total ...	1092	5 $\frac{5}{8}$	42-5	42-4	1096	8 $\frac{5}{8}$	49-7	57-9	1009	13 $\frac{1}{2}$	58-9	88-2	108	16 $\frac{1}{2}$	67-0	128-0	1058	5 $\frac{1}{2}$	42-4	40-9	1045	8 $\frac{1}{2}$	49-3	56-1	1016	13 $\frac{1}{2}$	59-5	94-7	82	16 $\frac{5}{8}$	62-6	118-2
County Average Years 1940-41 to 1944-45	5572	5 $\frac{1}{2}$	42-6	42-1	5,256	8 $\frac{1}{2}$	49-6	57-4	5048	13 $\frac{1}{2}$	58-5	88-3	449	16 $\frac{1}{2}$	66-9	125-8	5455	5 $\frac{5}{8}$	42-2	40-8	5,018	8 $\frac{5}{8}$	49-1	55-8	5,062	13 $\frac{1}{2}$	59-1	93-5	392	16 $\frac{5}{8}$	63-2	118-3
County Average Years 1930-31 to 1939-40	12,495	5 $\frac{1}{2}$	42-6	41-8	11,767	8 $\frac{1}{2}$	49-4	56-5	*7108	12 $\frac{1}{2}$	58-9	89-5	1163	16 $\frac{1}{2}$	65-6	124-1	12,122	5 $\frac{1}{2}$	42-3	40-5	11,645	8 $\frac{1}{2}$	49-0	54-8	*7123	13 $\frac{1}{2}$	59-5	94-8	887	16 $\frac{1}{2}$	62-8	116-7
County Average Years 1919-20 to 1929-30	13,238	5 $\frac{1}{2}$	42-1	41-2	11,863	8 $\frac{1}{2}$	48-3	54-3	...	...	...	...	769	16 $\frac{1}{2}$	64-3	118-8	13,019	5 $\frac{1}{2}$	41-7	39-7	11,582	8 $\frac{1}{2}$	48-2	52-3	...	...	...	...	774	16 $\frac{1}{2}$	62-2	111-6

It was felt that the Anthropometric Standard was not satisfactory, as it was based on an insufficient number of observations.

A County of Dunbarton Standard has therefore been arrived at by combining and averaging the figures in Annual Reports for a number of years back in ten-yearly periods.

† Previous to the session 1930-1931 the average age of the Third Age-Group was 12 years. The number of children examined at the average age of thirteen years is therefore comparatively small.



The following table shows at a glance a summary of the previous table [7.—G (a) ], i.e., children in each area showing evidence of verminous conditions of the head, or body, or both.

School Management Area	Number of Routine Cases Examined	Number showing evidence of Vermin	Percentage
Cumbernauld ... ..	243	7	2·8
Kirkintilloch ... ..	1114	44	3·9
New Kilpatrick ... ..	604	6	0·9
Old Kilpatrick ... ..	1666	169	10·1
Dumbarton ... ..	1360	177	13·0
Vale of Leven ... ..	973	123	12·6
Helensburgh ... ..	546	41	7·5
Total ... ..	6506	567	8·7

## 7.-I. NUTRITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Exam- ined	ROUTINE CASES								NON-ROUTINE CASES	
		Above Average		Average		Below Average		Very Bad		Below Average	Very Bad
		No.	%	No.	%	No.	%	No.	%		
Cumbernauld	Boys	13	12.5	86	82.7	5	4.8	...	...	...	...
	Girls	13	9.3	117	84.2	9	6.5	...	...	...	...
	Total	26	10.9	203	83.5	14	5.6	...	...	...	...
Kirkintilloch ...	Boys	64	10.8	515	87.2	12	2.0	...	...	...	...
	Girls	80	15.3	421	80.5	22	4.2	...	...	...	...
	Total	144	13.0	936	83.9	34	3.1	...	...	...	...
New Kilpatrick	Boys	61	20.1	239	78.9	3	1.0	...	...	...	...
	Girls	50	16.6	245	81.5	6	1.9	...	...	...	...
	Total	111	18.3	484	80.3	9	1.4	...	...	...	...
Old Kilpatrick	Boys	129	14.9	685	79.0	47	5.4	6	0.7	...	...
	Girls	101	12.7	623	77.9	74	9.3	1	0.1	...	...
	Total	230	13.8	1308	78.4	121	7.4	7	0.4	...	...
Dumbarton ...	Boys	2	0.3	638	95.8	26	3.9	...	...	...	...
	Girls	17	2.4	650	93.7	27	3.9	...	...	...	...
	Total	19	1.4	1288	94.7	53	3.9	...	...	...	...
Vale of Leven	Boys	68	14.0	343	71.0	68	14.0	5	1.0	...	...
	Girls	69	14.1	360	73.6	56	11.5	4	0.8	...	...
	Total	137	14.1	703	72.3	124	12.7	9	0.9	...	...
Helensburgh ...	Boys	55	18.9	205	70.7	26	9.0	4	1.4	...	...
	Girls	39	15.3	196	76.5	21	8.2	...	...	...	...
	Total	94	17.1	401	73.6	47	8.6	4	0.7	...	...
Total	Boys	392	11.8	2711	82.2	187	5.6	15	0.4	...	...
	Girls	369	11.6	2612	81.6	215	6.6	5	0.2	...	...
	Total	761	11.7	5323	81.9	402	6.1	20	0.3	...	...

## 7.—H. Condition of Skin.

13A

School Management Area	Number of Routine Cases Examined	ECZEMA						RINGWORM						IMPETIGO						SORES						SCABIES			ALOPECIA				PSORIASIS				OTHERS						TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Routine				Non-Routine		Routine				Non-Routine		Routine				Non-Routine		Routine		Non-Routine	Routine		Non-Routine	Routine		Non-Routine	Routine				Non-Routine		Routine				Non-Routine																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Head		Body		Head	Body	Head		Body		Head	Body	Head		Body		Head	Body	Body		Head	Body	Head		Head	Body		Body	Head		Body		Head	Body	Head		Body																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Cumbernauld	243	...	...	2	0·8	...	...	...	...	...	...	...	...	5	2·0	...	...	3	...	...	...	...	...	...	4	1·6	...	...	...	...	1	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</



SCHOOL MANAGEMENT AREA	ROUTINE CASES										NON-ROUTINE CASES	
	Number of Routine Cases Examined	No Teeth Decayed		1 to 4 Teeth Decayed		5 or more Teeth Decayed		Oral Sepsis		5 or more Decayed	Oral Sepsis	
		No.	%	No.	%	No.	%	No.	%			
Cumbernauld	Boys	104	61	58.6	33	31.8	10	9.6	1	0.9	...	
	Girls	139	85	61.1	51	36.8	3	2.1	...	...	...	
	Total	243	146	59.9	84	34.3	13	5.8	1	0.5	...	
Kirkintilloch ...	Boys	591	350	59.2	213	36.0	28	4.8	2	0.3	...	
	Girls	523	355	67.9	133	25.4	35	6.7	2	0.4	...	
	Total	1114	705	63.5	346	30.7	63	5.8	4	0.4	1	
New Kilpatrick	Boys	303	215	70.9	76	25.1	12	4.0	4	1.3	...	
	Girls	301	222	73.8	73	24.1	6	2.0	...	...	...	
	Total	604	437	72.4	149	24.6	18	3.0	4	0.6	1	
Old Kilpatrick	Boys	867	549	63.3	250	28.9	68	7.8	14	1.6	...	
	Girls	799	515	64.4	219	27.4	65	8.2	15	1.9	...	
	Total	1666	1064	63.8	469	28.2	133	8.0	29	1.7	2	
Dumbarton ...	Boys	666	531	79.8	100	15.0	35	5.2	2	0.3	...	
	Girls	694	557	80.2	90	12.9	47	6.9	2	0.3	...	
	Total	1360	1088	80.0	190	13.9	82	6.1	4	0.3	1	
Vale of Leven	Boys	484	354	73.1	51	10.6	79	16.3	11	2.3	...	
	Girls	489	357	72.9	53	10.9	79	16.2	14	2.9	...	
	Total	973	711	73.0	104	10.8	158	16.2	25	2.6	8	
Helensburgh ...	Boys	290	198	68.3	32	11.1	60	20.6	9	3.1	...	
	Girls	256	175	68.3	25	9.9	56	21.8	4	1.6	...	
	Total	546	373	68.3	57	10.5	116	21.2	13	2.3	3	
Total ...	Boys	3305	2258	68.4	755	22.8	292	8.8	43	1.3	...	
	Girls	3201	2266	70.8	644	20.1	291	9.1	37	1.2	...	
	Total	6506	4524	69.7	1399	21.4	583	8.9	80	1.2	15	
											2	

# 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS.

(a) Nose.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Catarrh.			Obstruction			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	243	...	...	...	...	...	1	...	...	...	...	...	1
Kirkintilloch ...	1114	...	...	...	6	0.5	3	11	0.9	4	17	1.5	7
New Kilpatrick	604	...	...	...	2	0.3	1	6	0.9	1	8	1.3	2
Old Kilpatrick	1666	19	1.1	5	4	0.2	10	9	0.5	12	32	1.9	27
Dumbarton ...	1360	36	2.6	5	17	1.2	8	25	1.8	24	78	5.7	37
Vale of Leven ...	973	22	2.2	12	10	1.0	2	2	0.2	12	34	3.5	26
Helensburgh ...	546	9	1.6	1	5	0.9	1	...	...	6	14	2.5	8
Total ...	6506	86	1.3	23	44	0.6	26	53	0.8	59	183	2.8	108

(b) I, Tonsils.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Enlarged			Non- Routine	Much Enlarged			Removed		
		Routine		Non- Routine		Routine		Non- Routine	Routine		Non- Routine
		No.	%			No.	%		No.	%	
Cumbernauld	243	9	3.7	...	...	2	0.8	4	17	7.0	...
Kirkintilloch	1114	38	3.4	3	3	1	0.1	14	142	12.7	...
New Kilpatrick	604	24	3.9	7	7	2	0.3	6	103	17.0	...
Old Kilpatrick	1666	178	10.7	4	4	96	5.7	110	232	13.9	2
Dumbarton ...	1360	103	7.5	28	28	90	6.6	14	282	20.0	...
Vale of Leven	973	129	13.2	8	8	93	9.5	46	183	18.7	2
Helensburgh ...	546	90	16.4	5	5	38	6.9	40	117	21.4	1 ..
Total ...	6506	571	8.7	55	55	322	4.9	234	1076	16.5	5

## 7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(b) 2, Adenoids.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Present			Suspected			Removed		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	243	5	2.0	...	3	1.2	4	18	7.3	...
Kirkintilloch ...	1114	16	1.4	8	7	0.6	15	143	12.8	...
New Kilpatrick	604	10	1.6	4	4	0.7	6	103	17.0	...
Old Kilpatrick	1666	136	8.2	4	7	0.4	47	236	14.2	2
Dumbarton ...	1360	7	0.5	12	14	1.0	10	140	10.3	...
Vale of Leven	973	83	8.5	3	20	2.0	9	169	17.3	2
Helensburgh ...	546	37	6.8	7	7	1.3	12	112	20.5	1
Total ...	6506	294	4.5	38	62	0.9	103	921	14.1	5

7.—K. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.  
(c) Lymphatic Glands—Submaxillary and Cervical.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Palpably Enlarged				Markedly Enlarged				Cicatrices or Suppurating			
		Submaxillary		Cervical		Submaxillary		Cervical		Submaxillary		Cervical	
		Routine	No. of Non- Routine	Routine	No. of Non- Routine	Routine	No. of Non- Routine	Routine	No. of Non- Routine	Routine	No. of Non- Routine	Routine	No. of Non- Routine
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	243	2	0.9	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1114	3	0.3	3	0.1	3	0.1	...	...	...	...	...	...
New Kilpatrick	604	4	0.7	...	0.2	...	...	...	...	1	0.2	...	...
Old Kilpatrick ...	1666	89	5.4	1	3	0.2	...	3	0.2	...	...	2	0.1
Dumbarton ...	1360	8	0.6	...	74	5.4	5	...	...	2	0.1	...	...
Vale of Leven ...	973	80	8.2	2	2	0.2	1	1	0.1	2	0.2	...	...
Helensburgh ...	546	42	7.6	1	1	0.2	...	...	...	3	0.5	1	0.2
Total ...	6506	226	3.5	7	82	1.2	9	16	0.2	7	6	4	0.1

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Strabismus			Blepharitis			Conjunctivitis			Corneal Opacities			Other Diseases		
		Routine			Routine			Routine			Routine			Routine		
		No.	%	Non- Routine	No.	%	Non- Routine	No.	%	Non- Routine	No.	%	Non- Routine	No.	%	Non- Routine
Cumbernauld	Boys	8	7.6	...	1	0.9	...	...	0.7	...	...	...	...	...	...	...
	Girls	3	2.1	...	1	0.7	...	...	...	...	...	...	...	...	...	...
	Total	11	4.5	1	2	0.8	...	1	0.4	...	...	...	...	...	1	...
Kirkcaldilloch	Boys	14	2.3	...	4	0.6	...	1	0.1	...	1	0.1	...	7	1.3	...
	Girls	22	4.2	...	2	0.4	...	...	0.2	...	...	0.2	...	...	...	...
	Total	36	3.2	...	6	0.5	3	1	0.1	5	2	0.2	...	7	0.6	5
New Kilpatrick	Boys	6	1.9	...	...	...	...	1	0.3	...	...	...	...	...	...	...
	Girls	10	3.3	...	1	0.3	...	...	...	...	...	...	...	...	...	...
	Total	16	2.6	1	1	0.1	1	1	0.1	...	...	...	...	...	2	...
Old Kilpatrick	Boys	23	2.6	...	5	0.5	...	1	0.1	...	...	...	...	6	0.7	...
	Girls	27	3.3	...	2	0.2	...	1	0.1	...	2	0.2	...	4	0.5	...
	Total	50	3.0	7	7	0.4	10	2	0.1	6	2	0.1	4	10	0.6	2
Dumbarton	Boys	31	4.6	...	13	2.0	...	1	0.1	...	...	...	...	5	0.7	...
	Girls	29	4.1	...	5	0.7	...	1	0.1	...	2	0.2	...	1	0.1	...
	Total	60	4.4	6	18	1.3	6	2	0.1	6	2	0.1	2	6	0.4	15
Vale of Leven	Boys	15	3.0	...	...	...	...	1	0.2	...	...	...	...	6	1.2	...
	Girls	24	4.8	...	2	0.4	...	...	...	...	1	0.2	...	3	0.6	...
	Total	39	4.0	11	2	0.2	3	1	0.1	2	1	0.1	...	9	0.9	3
Helensburgh	Boys	12	4.1	...	1	0.3	...	1	0.3	...	...	...	...	1	0.3	...
	Girls	8	3.1	...	2	0.7	...	...	...	...	...	...	...	1	0.4	...
	Total	20	3.6	4	3	0.5	3	1	0.2	2	...	...	1	2	0.3	3
Total	Boys	109	3.3	...	24	0.7	...	6	0.2	...	1	0.1	...	18	0.5	...
	Girls	123	3.8	...	15	0.4	...	3	0.1	...	6	0.2	...	16	0.5	...
	Total	232	3.5	30	39	0.6	26	9	0.1	21	7	0.1	7	34	0.5	31

## 7.—O. HEARING.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Otorrhoea			Wax			Others			Total		
		Routine		Non- Routine	Routine		%	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	243	2	0·8	1	...	..	..	...	...	...	2	0·8	1
Kirkintilloch ...	1114	6	0·5	8	1	0·1	0·1	...	...	10	7	0·6	23
New Kilpatrick...	604	1	0·1	...	...	...	...	...	...	...	1	0·1	...
Old Kilpatrick ...	1666	12	0·7	17	2	0·1	0·1	2	0·1	2	16	0·9	22
Dumbarton ...	1360	11	0·8	14	...	...	...	5	0·3	12	16	1·1	29
Vale of Leven ...	973	18	1·8	12	...	...	...	1	0·1	6	19	1·9	20
Helensburgh ...	546	4	0·7	2	...	...	...	2	0·3	1	6	1·0	4
Total ...	6506	54	0·8	54	3	0·1	0·1	10	0·1	31	67	1·0	99

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slightly Deaf			Very Deaf			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	243	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1114	6	0·5	4	...	...	...	6	0·5	4
New Kilpatrick	604	2	0·3	1	...	...	...	2	0·3	1
Old Kilpatrick	1666	9	0·5	4	8	0·4	...	17	1·0	4
Dumbarton ...	1360	15	1·0	1	1	0·1	...	16	1·1	1
Vale of Leven	973	3	0·3	1	3	0·3	...	6	0·6	1
Helensburgh	546	1	0·1	...	1	0·1	...	2	0·3	...
Total ...	6506	36	0·5	11	13	0·2	...	49	0·7	11

# 7.—M. Visual Acuity (Snellen's Test at 6 Metres).

21A

Vision shown is "Working Vision," i.e., Vision of better eye. Good Vision= $\frac{6}{6}$ , Fair Vision= $\frac{6}{6}$  to  $\frac{6}{9}$ , Bad Vision= $\frac{6}{9}$  or worse.

School Management Area		ROUTINE CASES																																Non-Routine							
		Age 8										Age 13										Age 16										Total									
		No. Exam-ined	Good		Fair		Bad		Bad in one Eye only		No. Exam-ined	Good		Fair		Bad		Bad in one Eye only		No. Exam-ined	Good		Fair		Bad		Bad in one Eye only		No. Exam-ined	Good		Fair		Bad		Bad in One Eye only		Bad	Bad in One Eye only		
			No.	%	No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.	%			No.	%
Cumbernauld	Boys Girls	49 64	45 54	91.9 84.4	3 6	6.1 9.4	1 4	2.0 2.2	2 3	4.1 4.7	23 19	21 19	93.4 100.0	1 ...	4.3 ...	1 ...	4.3 ...	2 2	8.7 ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	72 73	66 73	91.7 88.0	4 6	5.5 7.2	2 4	2.8 4.8	4 3	5.5 3.6	... ...	... ...				
	Total	113	99	87.6	9	8.0	5	4.4	5	4.4	42	40	95.2	1	2.4	1	2.4	2	4.7	... ...	... ...	... ...	... ...	... ...	... ...	155	139	89.6	10	6.5	6	3.9	7	4.5	3	...					
Kirkintilloch	Boys Girls	195 159	177 148	90.8 93.1	8 6	4.1 3.8	10 5	5.1 3.1	5 8	2.5 5.0	201 185	188 170	93.6 91.9	8 8	4.0 4.3	5 7	2.4 3.8	10 7	4.9 3.8	26 15	24 88.2	93.3 ...	... ...	2 2	7.7 11.8	2 ...	7.7 ...	422 361	389 333	92.2 92.2	16 14	3.8 3.9	17 14	4.0 3.9	17 15	4.0 4.1	... ...	... ...			
	Total	354	325	91.8	14	4.0	15	4.2	13	3.6	386	358	92.8	16	4.1	12	3.1	17	4.4	43	39	90.7	... ...	4 9.3	2 4.6	783	722	92.3	30	3.8	31	3.9	32	4.0	14	...					
New Kilpatrick	Boys Girls	101 98	95 95	94.0 97.0	2 1	2.0 1.0	4 2	4.0 2.0	3 2	3.0 2.0	69 77	65 72	94.3 93.5	3 1	4.3 1.3	1 4	1.4 5.2	1 2	1.4 2.7	21 11	20 10	95.2 90.9	1 1	4.8 9.1	... ...	1 ...	4.8 ...	191 186	180 177	94.3 95.2	6 3	3.1 1.6	5 6	2.6 3.2	5 4	2.6 2.1	... ...	... ...			
	Total	199	190	95.5	3	1.5	6	3.0	5	2.5	146	137	93.9	4	2.7	5	3.4	3	2.0	32	30	93.8	2	6.2	... ...	1 3.1	377	357	94.7	9	2.4	11	2.9	9	2.4	6	...				
Old Kilpatrick	Boys Girls	300 305	260 267	86.7 87.6	26 25	8.7 8.2	14 13	4.6 4.2	17 10	5.6 3.2	221 214	201 190	91.0 88.8	14 14	6.3 6.5	6 6	2.7 4.7	9 11	4.0 5.1	... ...	... ...	... ...	... ...	... ...	... ...	521 519	461 457	88.5 88.1	40 39	7.7 7.5	20 23	3.8 4.4	26 21	5.0 4.0	... ...	... ...					
	Total	605	527	87.1	51	8.4	27	4.5	27	4.5	435	391	89.9	28	6.4	16	3.7	20	4.6	... ...	... ...	... ...	... ...	... ...	... ...	1040	918	88.3	79	7.6	43	4.1	47	4.5	55	...					
Dumbarton	Boys Girls	177 158	166 141	93.8 89.2	9 11	5.1 7.0	2 6	1.1 3.8	4 8	2.2 5.1	285 315	255 295	89.5 93.7	26 15	9.1 4.7	4 5	1.4 1.6	13 15	4.5 4.7	38 22	37 14	97.4 63.7	... 3	2.6 13.6	2 5	5.2 22.7	500 495	458 450	91.6 91.0	35 29	7.0 5.8	16 7	1.4 3.2	19 28	3.8 5.6	... ...	... ...				
	Total	335	307	91.6	20	6.0	8	2.4	12	3.6	600	550	91.6	41	6.9	9	1.5	28	4.6	60	51	85.0	3	5.0	6	10.0	7	11.7	995	908	91.3	64	6.4	23	2.3	47	4.7	17	...		
Vale of Leven	Boys Girls	177 178	158 155	89.3 87.2	13 17	7.4 9.5	6 6	3.3 3.3	3 14	1.7 7.9	139 128	127 114	91.4 89.1	10 10	7.2 7.8	2 4	1.4 3.1	8 6	5.7 4.7	8 12	7 10	87.5 83.4	1 1	12.5 8.3	... 1	... 8.3	1 2	12.5 16.6	324 292	292 279	90.1 87.8	24 28	7.4 8.8	8 8	2.5 3.4	12 22	3.7 6.8	... ...	... ...		
	Total	355	313	88.2	30	8.4	12	3.4	17	4.8	267	241	90.3	20	7.5	6	2.2	14	5.2	20	17	85.0	2	10.0	1	5.0	3	15.0	642	571	89.0	52	8.1	19	2.9	34	5.3	26	...		
Helensburgh	Boys Girls	97 83	90 77	92.8 92.8	6 4	6.2 4.8	1 2	1.0 2.4	2 ...	2.0 ...	71 78	63 70	88.8 89.8	4 6	5.6 7.7	4 2	5.6 2.5	5 4	7.0 5.1	15 20	13 18	86.6 90.0	1 1	6.7 5.0	1 1	6.7 5.0	... ...	183 181	166 165	90.8 91.2	11 11	6.0 6.1	6 5	3.2 2.7	7 4	3.8 2.2	... ...	... ...			
	Total	180	167	92.8	10	5.5	3	1.7	2	1.1	149	133	89.3	10	6.7	6	4.0	9	6.0	35	31	88.6	2	5.7	2	5.7	... ...	364	331	91.0	22	6.0	11	3.0	11	3.0	17	1			
Total	Boys Girls	1096 1045	991 937	90.5 89.6	67 70	6.1 6.8	38 38	3.4 3.6	36 45	3.2 4.3	1039 1016	920 930	91.2 91.6	66 54	6.6 5.3	23 32	2.2 3.1	48 45	4.7 4.4	108 82	101 67	93.5 81.7	3 6	2.8 7.3	4 9	3.7 11.0	6 7	5.5 8.5	2213 2143	2012 1934	91.0 90.3	136 130	6.1 6.0	65 79	2.9 3.7	90 97	4.0 4.5	... ...	... ...		
	Total	2141	1928	90.1	137	6.4	76	3.5	81	3.7	2025	1850	91.4	120	5.9	55	2.7	93	4.6	190	168	88.4	9	4.7	13	6.9	13	6.9	4356	3946	90.6	266	6.1	144	3.3	187	4.3	138	1		



## 7.—P. SPEECH.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Defective Articulation			Stammering			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld...	243	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1114	2	0.2	...	3	0.3	...	5	0.4	...
New Kilpatrick	604	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1666	9	0.5	1	4	0.2	1	13	0.7	2
Dumbarton ...	1360	3	0.2	...	1	0.1	...	4	0.3	...
Vale of Leven	973	6	0.6	...	2	0.2	...	8	0.8	...
Helensburgh ...	546	4	0.7	...	3	0.5	...	7	1.3	...
Total ...	6506	24	0.4	1	13	0.2	1	37	0.5	2

## 7.—G. MENTAL CONDITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Dull or Backward			Mentally Deficient			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	243	1	0.4	...	...	...	...	1	0.4	...
Kirkintilloch ...	1114	8	0.7	...	...	...	...	8	0.7	...
New Kilpatrick	604	1	0.1	...	...	...	...	1	0.1	...
Old Kilpatrick	1666	11	0.6	...	...	...	1	11	0.6	1
Dumbarton ...	1360	...	...	...	...	...	...	...	...	...
Vale of Leven	973	7	0.7	...	...	...	...	7	0.7	...
Helensburgh ...	546	4	0.7	...	1	0.2	...	5	0.9	...
Total ...	6506	32	0.4	...	1	0.1	1	33	0.5	1

## 7.—R. HEART AND CIRCULATION.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Organic Disease						Functional Disease						Total			
		Congenital			Acquired			Routine			Non- Routine			Routine		Non- Routine	
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	243	...	...	...	2	0.8	...	...	...	...	...	2	0.8	...	...		
Kirkintilloch ...	1114	...	...	...	5	0.4	...	...	...	...	...	5	0.4	...	...		
New Kilpatrick	604	1	0.1	...	1	0.1	1	...	...	...	...	2	0.3	1	...		
Old Kilpatrick ...	1666	6	0.3	...	9	0.5	3	...	...	...	...	15	0.9	3	...		
Dumbarton ...	1360	1	0.1	...	11	0.8	...	...	...	...	...	12	0.9	...	...		
Vale of Leven ...	973	8	0.8	2	11	1.1	2	...	...	...	...	19	1.9	4	...		
Helensburgh ...	546	1	0.1	...	2	0.3	1	2	0.3	...	...	5	0.9	1	...		
Total ...	6506	17	0.2	2	41	0.6	7	2	0.1	...	...	60	0.9	9	...		

## 7.—S. LUNGS.

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Bronchial Catarrh			Bronchitis			Tuberculosis			Tuberculosis Suspected			Asthma			Total		
		No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine
Cumbernauld	243	...	...	...	5	2.0	1	...	...	...	...	...	...	...	...	...	5	2.0	1
Kirkintilloch	1114	...	...	...	17	1.5	3	...	...	...	...	...	...	2	0.2	3	19	1.7	6
New Kilpatrick	604	...	...	...	2	0.3	...	...	...	...	...	...	...	5	0.8	1	7	1.1	1
Old Kilpatrick	1666	22	1.3	2	8	0.5	7	...	...	...	...	...	...	4	0.2	2	34	2.0	11
Dumbarton	1360	64	4.6	21	2	0.1	9	1	0.1	...	...	...	...	3	0.2	9	70	5.1	39
Vale of Leven	973	14	1.4	9	1	0.1	3	...	...	...	...	...	...	3	0.3	5	18	1.8	17
Helensburgh	546	14	1.5	1	4	0.7	...	...	...	...	...	...	...	2	0.3	...	20	3.7	1
Total	6506	114	1.7	33	39	0.6	23	1	0.1	...	...	...	...	19	0.3	20	173	2.6	76

## 7.—T. NERVOUS SYSTEM.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Epilepsy			Chorea			Infantile Paralysis			Others			Total		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	243	...	...	...	...	...	...	1	0.4	...	...	...	...	1	0.4	...
Kirkintilloch	1114	1	0.1	...	...	...	...	3	0.2	2	...	...	...	4	0.3	2
New Kilpatrick	604	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1666	2	0.1	1	2	0.1	6	3	0.2	3	1	0.1	...	8	0.5	10
Dumbarton	1360	...	...	...	1	0.1	1	2	0.1	1	...	...	...	3	0.2	2
Vale of Leven	973	2	0.2	...	...	...	2	1	0.1	2	1	0.1	1	4	0.4	5
Helensburgh	546	...	...	1	1	0.2	2	...	...	...	...	...	...	1	0.2	3
Total	6506	5	0.1	2	4	0.1	11	10	0.1	8	2	0.1	1	21	0.3	22

## 7.—U. TUBERCULOSIS (NON-PULMONARY).

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Glands			Bones			Joints			Abdominal			Others			Total		
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	243	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	114	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Kilpatrick	604	1	0.1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	...
Old Kilpatrick	1666	...	...	...	...	...	...	1	0.1	...	1	0.1	1	...	...	...	2	0.1	1
Dumbarton	1360	1	0.1	...	...	...	...	...	...	...	1	0.1	...	...	...	...	2	0.1	...
Vale of Leven	973	...	...	...	...	...	...	...	...	...	1	0.1	...	...	...	...	1	0.1	...
Helensburgh	546	1	0.1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0.1	...
Total ...	6506	3	0.1	...	...	...	...	1	0.1	...	3	0.1	1	...	...	...	7	0.1	1

## 7.—V. RICKETS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slight			Non- Routine	Marked			Non- Routine	Total		
		Routine		% %		Routine		% %		Routine		% %
		No.	No.			No.	No.			No.	%	
Cumbernauld	243	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1114	...	...	...	...	...	...	...	...	...	...	...
New Kilpatrick	604	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	1666	...	...	...	...	3	0.2	...	...	3	0.2	...
Dumbarton ...	1360	...	...	...	...	...	...	...	...	...	...	...
Vale of Leven	973	...	...	...	...	2	0.2	...	...	2	0.2	...
Helensburgh ...	546	...	...	...	...	...	...	...	...	...	...	...
Total ...	6506	...	...	...	...	5	0.1	...	...	5	0.1	...

# 7.—W. DEFORMITIES.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Congenital			Acquired (Non-Rachitic)			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	243	1	0·4	...	2	0·8	...	3	1·2	...
Kirkintilloch ...	1114	5	0·4	...	34	3·0	4	39	3·4	4
New Kilpatrick	604	1	0·1	...	16	2·6	1	17	2·7	1
Old Kilpatrick	1666	6	0·3	...	47	2·8	9	53	3·2	9
Dumbarton ...	1360	5	0·3	...	52	3·8	4	57	4·2	4
Vale of Leven	973	7	0·7	...	28	2·8	8	35	3·5	8
Helensburgh	546	2	0·3	...	16	2·9	13	18	3·2	13
Total ...	6506	27	0·4	...	195	3·0	39	222	3·4	39

## 7.—X. INFECTIOUS OR CONTAGIOUS DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Examined	Scarlet Fever			Chicken Pox			Mumps			Whooping Cough			German Measles			Total			Number of Routine Cases immunised against Diphtheria.	
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine					
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%			
Cumbernauld ...	243	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150	61.7	
Kirkintilloch ...	1114	2	0.2	...	...	7	...	...	3	...	...	...	...	...	...	2	0.2	10	805	72.2	
New Kilpatrick	604	...	...	...	1	0.3	...	...	...	...	...	...	...	...	...	1	0.3	...	466	77.1	
Old Kilpatrick ...	1666	...	...	1	3	0.2	...	3	0.2	2	...	...	...	...	...	6	0.3	3	1087	65.2	
Dumbarton ...	1360	...	...	2	...	...	2	...	3	...	...	...	...	...	...	...	...	7	1068	78.5	
Vale of Leven ...	973	...	...	...	...	...	5	...	...	...	2	0.2	1	...	...	2	0.2	6	740	76.0	
Helensburgh ...	546	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3	406	74.3	
Total ...	6506	2	0.1	3	4	0.1	14	3	0.1	11	2	0.1	1	...	...	11	0.2	29	4722	72.5	

The number of children given as immunised against diphtheria is probably an understatement, as young children, unaccompanied by parents, very frequently cannot give the necessary information, and are therefore included among those not immunised.

## 7.—Y. OTHER DISEASES AND DEFECTS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Hernia			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	243	...	...	...	7	2·8	1	7	2·8	1
Kirkcubbin ...	1114	3	0·2	...	29	2·6	43	32	2·8	43
New Kilpatrick	604	3	0·5	...	13	2·1	7	16	2·6	7
Old Kilpatrick	1666	1	0·1	...	37	2·2	83	38	2·3	83
Dumbarton ...	1360	3	0·2	...	63	4·6	110	66	4·8	110
Vale of Leven	973	4	0·4	...	32	3·2	101	36	3·6	101
Helensburgh ...	546	2	0·3	...	19	3·4	55	21	3·8	55
Total ...	6506	16	0·2	...	200	3·0	400	216	3·3	400

## PREVIOUS ILLNESSES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Small- pox		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	243	184	75.7	122	50.2	82	33.7	70	28.8	22	9.0	6	2.4	...	...	2	0.8	...	...	62	3.3
Kirkintilloch ...	1114	919	82.5	612	54.9	414	37.1	301	27.0	135	12.1	59	5.3	...	...	18	1.6	...	...	301	27.0
New Kilpatrick	604	473	78.3	374	61.9	280	46.3	169	27.9	65	10.7	23	3.8	...	...	6	0.9	...	...	204	33.7
Old Kilpatrick ...	1666	1339	80.3	955	57.3	708	42.5	525	31.5	193	11.6	121	7.2	...	...	15	0.9	...	...	452	27.1
Dumbarton ...	1360	1153	84.7	880	63.9	587	43.1	514	37.8	206	15.1	159	11.7	...	...	12	0.8	2	0.1	396	29.1
Vale of Leven ...	973	816	83.8	604	62.0	427	43.8	378	38.8	116	11.9	41	4.2	...	...	3	0.3	...	...	323	33.1
Helensburgh ...	546	394	72.1	327	59.9	235	43.0	188	34.3	49	12.9	34	6.2	...	...	...	...	...	...	177	32.4
Total ...	6506	5278	81.1	3874	59.6	2733	42.0	1845	28.3	786	12.0	443	6.8	...	...	56	0.8	2	0.1	1915	29.4

# VACCINATION.

SCHOOL MANAGEMENT AREA	Entrants			Age 8			Age 13			Age 16			Total		
	Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated	
		No.	%		No.	%		No.	%		No.	%		No.	%
Cumbernauld ...	88	40	45.5	113	53	46.9	42	10	24.0	...	...	...	243	103	42.4
Kirkintilloch ...	331	108	32.6	354	123	34.7	386	66	17.1	43	11	25.6	1114	308	27.6
New Kilpatrick ...	227	89	39.2	199	84	42.2	146	34	23.3	32	6	19.0	604	213	35.2
Old Kilpatrick ...	626	276	44.1	605	279	46.1	435	143	32.8	...	...	...	1666	698	41.9
Dumbarton ...	365	263	72.0	335	226	67.4	600	346	57.6	60	22	36.6	1360	857	62.9
Vale of Leven ...	331	239	72.2	355	263	74.1	267	150	56.1	20	4	20.0	973	656	67.3
Helensburgh ...	182	116	63.7	180	110	61.1	149	75	50.3	35	11	31.4	546	312	57.1
Total ...	2150	1131	52.6	2141	1138	53.1	2025	824	40.7	190	54	28.4	6506	3147	48.3
*Increase compared with last year = 2.0%															
*Increase compared with last year = 7.5%															
*Increase compared with last year = 5.1%															
*Increase compared with last year = 5.2%															
*Increase compared with last year = 4.4%															

### 8.—Special Schools and Classes.

*Special Schools*—There are three Special Schools in the County—Waverley Park Home, Kirkintilloch ; Milton School, Bowling ; and College Street School, Dumbarton.

In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-minded, there are at present 3 pupils from the County.

Milton Special School, which serves the areas of Old and New Kilpatrick, also receives Deaf-Mute pupils from Dumbarton, Helensburgh, and the Vale of Leven Areas. This school was taken over by the military authorities on the outbreak of the war. The pupils were at first evacuated under the care of teachers, but are now conveyed to College Street School.

College Street School, which serves the Dumbarton, Vale of Leven and Helensburgh Areas, is also meantime, owing to the closure of Milton School, serving the Old Kilpatrick and New Kilpatrick Areas. At present there are three classes for mental defectives with 84 on the roll, and two classes for physical defectives with 48 on the roll, a total of 132. The pupils in the Deaf Mute class, 7 in number, are drawn from the whole County, except the Parishes of Kirkintilloch and Cumbernauld.

Deaf Mute pupils from these two parishes are, by arrangement with the Glasgow Education Committee, taught in the Glasgow Schools for Deaf Mutes.

*Special Classes*—(a) *For Mentally Defective Children*—Lairdsland School, Kirkintilloch, with 18 on the roll (one class).

(b) *For Conservation of Vision*—Lairdsland School, Kirkintilloch, with 9 on the roll ; Whitecrook School, Clydebank (temporarily at College Street School), with — on the roll ; and College Street School, Dumbarton, with 21 on the roll. Total 30.

The following are the totals for the County :—

Mentally Defectives	...	...	...	...	...	...	105
Physically Defectives	...	...	...	...	...	...	48
Deaf Mutes	...	...	...	...	...	...	7
Conservation of Vision	...	...	...	...	...	...	30
Total	...	...	...	...	...	...	<u>190</u>

Number of Physically Defective Children in Institutions paid for by the County Council	...	...	...	...	3
--	-----	-----	-----	-----	---

Number of Mentally Defective Children in Institutions paid for by the County Council	...	...	...	...	16
--	-----	-----	-----	-----	----

Blind Persons in training under Blind Persons' Act, 1920 (cost of training borne by the County Council, and maintenance by the Local Authority) :—

(a) Glasgow Royal Blind Asylum	...	...	...	3
(b) Edinburgh Royal Blind Asylum	...	...	...	—
Total	...	...	...	<u>22</u>

*Medical Inspection.*—All the children attending Special Schools were medically examined during the session, as has been done each year for some time past. During the present session 76 children—41 boys and 35 girls—were examined. Of these, 47 were mentally defective, and 29 physically defective. Of these, 13 children were myopic, and 5 were deaf mutes. Fifteen of these children were classed as having nutrition below average, while 2 had very bad nutrition.

*Special Appliances Supplied to Pupils.*—During the session the committee agreed to the provision or repair of the following appliances :—

	Pupils.
Splints ... ..	2
Splints with Boots or overshoe ... ..	2
	<hr/>
Total ... ..	4
	<hr/>

## 9.—Arrangements for Physical Education and Personal Hygiene.

*A.—Physical Exercises.*—The arrangements for these remain much the same as in former years. (See Annual Reports, 1914-15, page 72 ; 1919-20, page 41 ; 1920-21, page 38 ; and 1927-28, page 37).

Children for whom exemption from Physical Exercises or Baths was asked, were examined by the School Medical Officers, and exemption was granted if sufficient reason were found. In addition to these, a number of children who were found by the School Medical Officers in the course of routine examination to be suffering from such physical defect as demanded exemption from drill or baths, were exempted.

The reasons for exemption were as follows :—

### (a) From Drill and Baths:—

Defective Heart ... ..	8
Recent Abdominal Operation (Appendicitis, etc.) ... ..	6
Affections of Bones or Joints ... ..	4
Chest conditions ... ..	2
Others ... ..	5
	<hr/>
Total ... ..	25
	<hr/>

### (b) From Baths Only :

Ear Disease ... ..	5
Skin Disease ... ..	1
Others ... ..	1
	<hr/>
Total ... ..	7
	<hr/>

## 10.—Milk-in-Schools Scheme.

The Director of Education has kindly supplied the following information :

The average number of pupils taking advantage of this scheme throughout the session was 14,845, which gives an average of 78 per cent. of the number of pupils on the roll.

### Employment of Children (Scotland) Act, 1932.

Permits under the above Act were issued as follows, after the applicants had been examined by the School Medical Officer :—

		Granted.	Refused.	Total.
Cumbernauld	... ..	1	—	1
Kirkintilloch	... ..	—	—	—
New Kilpatrick	... ..	18	—	18
Old Kilpatrick	... ..	—	—	—
Dumbarton	... ..	25	1	26
Vale of Leven	... ..	11	2	13
Helensburgh	... ..	14	—	14
		—	—	—
Total	...	69	3	72
		==	==	==

### Admission of Children to Approved Schools.

During the session 24 children were examined with special regard to their suitability, physically and mentally, for admission to Approved Schools. Of these, 18 were committed by the Sheriff to institutions.

### II.—Arrangements for Medical Treatment.

See Annual Reports, 1927-28, pages 38,39 and 40, and 1928-29, pages 46-54.

See also Annual Report for 1935-36 for summary of facilities for treatment in the County.

### X-Ray Treatment of Ringworm.

There were no cases of ringworm of the hair diagnosed during the present session.

### Ultra-Violet Light Treatment.

In the Alexandria Clinic 16 school children were treated. The number of attendances was 321, and the average number of treatments was 20·0. The causes of reference were—Debility 7, Enlarged Glands 6, Asthma 2, Bronchitis 1. All were improved.

At the Helensburgh Clinic 14 school children were treated. The number of attendances was 326, and the average number of treatments was 23·3. The causes of reference were—Debility 5, Enlarged Glands 7, Rheumatism 1, Anaemia 1. All were improved.

At the Dumbarton Clinic 37 school children were treated. The number of attendances was 918, and the average number of treatments was 24·8. The causes of reference were—Asthma 10, Bronchitis 12, Debility 10, Skin Diseases 5. Two cases stopped attendance, the others were much improved.

At the Kirkintilloch Clinic 13 school children were treated. The number of attendances was 243, and the average number of treatments was 18·6. The causes of reference were—Debility 6, Enlarged Glands 5, Anaemia 1, Bronchitis 1. Twelve showed definite improvement.

# ORTHOPAEDIC TREATMENT.

The Orthopaedic Clinics in Dumbarton, Kirkintilloch and Helensburgh were in full working order during the present session. The work at the Clydebank Clinic is still somewhat hampered by present conditions. The Clinic in Milngavie, opened in April, 1944, had unfortunately to be discontinued in June as the premises used had to be vacated. Vale of Leven cases are treated in Dumbarton.

Deformity or Disease	Clydebank Clinic			Dumbarton Clinic			Kirkintilloch Clinic			Vale of Leven Clinic			Helensburgh Clinic			Milngavie Clinic			Total		
	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.
Kyphosis	3	1	4	2	..	2	2	1	3	2	3	5	1	3	4	..	..	..	10	8	18
Lordosis	3	2	5	1	2	3	5	2	7	..	..	..	1	..	1	..	..	..	10	6	16
Kypho- Lordosis	..	1	1	..	..	..	3	3	6	..	3	3	..	3	3	..	..	..	3	10	13
Scoliosis	..	..	..	..	..	..	2	1	3	..	..	..	..	1	1	..	..	..	2	2	4
Foot Deformity	14	9	23	9	9	18	20	23	43	10	10	20	12	9	21	..	..	..	65	60	125
Chest Deformity	4	1	5	4	..	4	1	2	3	1	..	1	1	..	1	..	..	11	3	14	
Infantile Paralysis	1	2	3	2	1	3	2	3	5	4	1	5	2	2	4	..	..	..	11	9	20
Mouth Breaching	11	11	22	10	6	16	9	10	19	4	4	8	7	3	10	..	..	..	41	34	75
Rheumatism	..	3	3	..	2	2	2	3	5	..	3	3	..	..	..	..	..	..	2	11	13
Others	3	4	7	4	3	7	1	7	8	2	1	3	..	3	3	..	..	..	10	18	28
Total	39	34	73	32	23	55	47	55	102	23	25	48	24	24	48	..	..	..	165	161	326

## Response to Treatment.

Clinic	Good			Fair	Unsatisfactory		
	...	...	...		...	...	...
Clydebank	..	..	..	30	15	..	..
Dumbarton	..	..	..	15	9	..	..
Kirkintilloch	..	..	..	22	19	..	..
Vale of Leven	..	..	..	19	14	..	..
Helensburgh	..	..	..	16	7	..	..
Milngavie	..	..	..	..	..	..	..
Total	..	..	..	102	64	..	..

## Number of Treatments Given.

Clydebank—1592      Dumbarton—2366      Kirkintilloch—2815      Vale of Leven (with Dumbarton)      Helensburgh—1019      Milngavie—

## RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

As it has been suggested that the removal of tonsils and/or adenoids results in little permanent benefit, an examination was made of pupils who had been operated on a considerable number of years before.

There were 911 children re-examined at the age of fourteen or sixteen who had had tonsils and adenoids, or tonsils only, or adenoids only, removed previously. Of these, 854 were found to be absolutely satisfactory, the remaining fifty-seven showing evidence of rheumatism, or chorea, asthma, bronchial troubles, deafness and otorrhoea.

The following table shows details of this investigation :—

No. of Years after Operation	No. of Cases	Satisfactory		Unsatisfactory		Reasons for Classification as unsatisfactory.						
		No.	%	No.	%	Rheumatism	General Health Unsatisfactory	Asthma	Bronchial Conditions	Heart	Deafness	Otorrhoea
10 or more	112	105	93.8	7	6.2	...	...	4	1	1	1	...
9	107	99	92.5	8	7.5	2	...	...	2	...	...	4
8	132	123	93.2	9	6.8	2	1	2	3	...	1	...
7	204	188	92.1	16	7.9	3	3	...	4	...	2	4
6	142	138	97.2	4	2.8	...	1	...	1	...	...	2
5 or less	214	201	93.9	13	6.1	5	...	1	2	1	2	2
Total	911	854	93.7	57	6.3	12	5	7	13	2	6	12

## REMOVAL OF TONSILS AND/OR ADENOIDS.

The following table shows the results of inquiry as to conditions following the removal of Tonsils and/or Adenoids. The children are examined one year after operation. The figures given are the totals since session 1932-33. See Annual Report, 1932-33, pp. 42-43.

		Tonsils and Adenoids Removed.				Adenoids only Removed.			
		Result Satisfactory.	Result Moderately Satisfactory.	Result Unsatisfactory	Total	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Total
	Number Percentage	3581 76.7	800 17.1	291 6.2	4672	306 45.7	231 34.5	133 19.8	670
Mouth Breathing	Present before operation	2702	651	188	3541	270	111	99	480
	Continuing after operation	103	134	113	350	13	34	68	115
	Apparently cured ...	2599	517	75	3191	257	77	31	365
	Beginning after operation	2	13	5	20	1	...	1	2
Deafness	Present before operation	529	207	58	794	188	42	20	250
	Continuing after operation	59	99	46	204	30	16	13	59
	Apparently cured ...	470	108	12	590	158	26	7	191
	Beginning after operation	8	5	5	18	5	...	1	6
Discharging Ear	Present before operation	441	155	510	1106	51	23	14	88
	Continuing after operation	63	86	157	306	13	7	10	30
	Apparently cured ...	378	69	353	800	38	16	4	58
	Beginning after operation	24	33	12	69	...	5	5	10
Discharging Nose	Present before operation	1408	381	146	1935	171	79	87	337
	Continuing after operation	112	214	133	459	16	51	80	147
	Apparently cured ...	1296	167	13	1476	155	28	7	190
	Beginning after operation	27	34	12	73	...	5	5	10
Susceptibility to Colds and/or Sore Throats	Present before operation	2858	657	196	3711	220	90	104	414
	Continuing after operation	149	238	144	531	19	46	88	153
	Apparently cured ...	2709	419	52	3180	201	44	16	261
	Beginning after operation	11	5	9	25	...	1	3	4
Enlarged Glands	Present before operation	1593	530	57	2180	43	16	32	91
	Continuing after operation	77	105	25	207	11	4	23	38
	Apparently cured ...	1516	425	32	1973	32	12	9	53
	Beginning after operation	8	8	3	19	...	...	4	4
Rheumatism or Chorea	Present before operation	152	86	12	250	10	1	...	11
	Continuing after operation	48	41	8	97	7	1	...	8
	Apparently cured ...	104	45	4	153	3	...	...	3
	Beginning after operation	52	39	4	95	2	4	...	6

## TREATMENT OF MINOR AILMENTS.

District	Nurse	Number of Children dealt with	Total Number of Attendances	Number of Visits to Parents	Number of Visits to Clinics or Schools	Eye Cases	Throat and Nose Cases	Ear Cases	Skin Cases	Others	Attendances at Eye, Operation, Dental and other Clinics
Cumbernauld ...	J. C. Macbeth	...	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	C. M. Jeffrey and J. Oake	619	3429	47	84	13	...	57	477	72	128
Kirkintilloch (Twechar) Cumbernauld (Croy) ...	A. Gee	291	1249	75	43	6	...	7	151	127	48
New Kilpatrick	C. King K. Stevenson M. M. MacDonald	353	501	66	23	10	...	14	298	31	32
Old Kilpatrick (Duntocher)	C. King M. McCallum	111	792	19	37	8	...	20	93	...	183
Old Kilpatrick Gavinburn and Milton) ...	R. L. Shaw	...	...	...	...	...	...	...	...	...	...
Clydebank Burgh (Clydebank High Elgin Street (Our Holy Redeemers)	J. Scott	173	487	31	42	7	...	37	120	9	131
Clydebank Burgh (Dalmuir, Janetta Street and St. Stephen's)	M.M. MacDonald and C. King	479	852	18	49	...	...	15	173	291	198
Dumbarton (except West Bridgend, Notre Dame and St. Patrick's)	M. Gilmour	1030	1621	...	42	6	...	40	925	59	208
Dumbarton (West Bridgend, Notre Dame and St. Patrick's)	R. L. Shaw	...	...	...	...	...	...	...	...	...	19
Vale of Leven (Academy, Main Street, Levenvale, St. Mary's, Luss, Muirland, Ardoch Bridge and Croftamie)	C. R. Robertson and R. Smith	578	922	11	41	2	...	69	265	242	195
Vale of Leven (Bonhill and Jamestown) ...	M. Callender	...	...	37	12	...	...	...	...	...	219
Renton (Cardross School) ...	E. M. Rankin	697	1733	...	46	10	...	13	58	626	103
Helensburgh ...	K. Stevenson C. Macnair E. A. Sandilands	353	609	8	32	31	...	59	140	123	132
Total ...		4684	12195	312	451	93	...	331	2700	1580	1596



## DENTAL TREATMENT.

SCHOOL MANAGEMENT AREA	DENTIST	Number of Children Treated					Conservation Treatment				Extractions			
		Routine Cases			No. of Emergency Cases treated	Total No. of Cases treated	Actual No. of Attend- ances	Teeth Filled		Teeth Conserved by other Treatment	Teeth Extracted			Anaesthetics
		No. of Cases requir- ing treat- ment	No. of Cases Treated	Actual No. of Attend- ances				Tem- porary	Per- manent		Tem- porary	Per- manent	Total No. of Extrac- tions	
Cumbernauld ...	Mr. Cassidy ...	87	136	183	34	170	183	21	55	...	179	10	189	Local 34 General 19
Kirkintilloch ...	Mr. Cassidy ...	604	825	1466	404	1229	1466	22	493	5	886	211	1097	257 163
New Kilpatrick	Mr. Cassidy ...	258	309	721	212	521	721	11	222	...	209	47	256	119 23
Old Killick (Burgh)	Miss McKendrick	2399	443	1112	76	519	1112	...	123	...	2019	147	2166	500 297
Old Kilpatrick (Landward)	Miss McKendrick	234	76	104	4	80	104	...	3	...	311	7	318	84 31
Dumbarton ...	Miss Pugh ...	3873	1894	2303	191	923	2303	2	805	50	878	331	1209	293 220
Vale of Leven	Miss Pugh ...	1679	874	929	151	470	929	21	248	18	379	137	516	125 92
Vale of Leven	Mrs. Dinn ...	540	381	435	27	190	435	14	443	24	163	74	237	70 23
Helensburgh ...	Mrs. Dinn ...	566	462	1045	55	444	1045	43	901	92	334	129	463	158 69
Total ...	...	10,240	5771	8298	1154	4546	8298	134	3293	189	5358	1093	6451	1640 937

Owing to Miss McKendrick's serious illness the work in the Clydebank and Duntocher Clinics was very much interrupted. The Dentists from other areas are at present giving part-time assistance.

## Ophthalmic Treatment of School Children

	SCHOOL MANAGEMENT AREA.											
	Dumbarton.		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Defective Vision corrected with Spectacles ...	58	68	18	12	68	92	9	14	71	80	30	46
Defective Vision too slight to benefit from Spectacles ...	10	10	3	4	5	7	7	3	17	16	8	12
Defective Vision treated otherwise ...	8	6	...	2	7	11	1	3	7	9	7	4
Total Number of Children Examined ...	76	84	21	18	80	110	17	20	95	105	45	62
Re-examinations ...	80	61	7	8	63	82	10	12	54	83	53	54

Total Number of Children Examined—733.  
Total Number of Spectacles Prescribed—566.

## Ophthalmic Treatment of School Children—Continued.

Complications	SCHOOL MANAGEMENT AREA.									
	Dumbarton		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Blepharitis ...	0	3	0	1	10	10	1	2	2	7
Dacryocystitis ...	0	0	0	0	1	0	0	0	0	0
Proptosis ...	0	0	0	0	1	0	0	1	0	0
Strabismus convergens	30	30	7	3	14	19	4	3	32	27
Strabismus divergens	0	1	0	0	0	1	0	0	0	0
Conjunctivitis, Keratitis and Iritis	3	2	0	1	2	4	0	1	2	3
Opacity of Cornea ...	3	4	0	0	1	2	0	0	6	4
Opacity of Lens	0	1	0	0	0	0	0	0	0	1
Dislocation of Lens ...	0	0	0	0	0	0	0	0	0	0
Aphakia ...	0	0	0	0	2	0	0	0	0	0
Synechia Anterior ...	0	0	0	0	1	0	0	0	0	0
Synechia Posterior ...	0	0	0	0	0	0	0	0	0	0
Coloboma Uveae ...	0	0	0	0	0	0	0	0	0	0
Uveitis ...	0	0	0	0	0	1	0	0	0	0
Choroido-Retinitis ...	1	0	0	0	0	0	0	0	0	0
Optic Atrophy ...	1	1	0	0	0	0	0	0	1	0
Nystagmus ...	2	1	0	0	1	0	0	0	0	0
Albinism ...	2	0	0	0	0	0	0	0	0	0
Buphthalmos ...	0	0	0	0	0	0	0	0	0	0
Anophthalmos ...	1	0	0	0	0	0	0	0	0	0
Coloboma of Lens ...	0	0	0	0	1	0	0	0	0	0

## REPORT BY SCHOOL NURSES.

District	Nurse	Number of Children Examined	Total Number of Inspections	Number of Visits to Parents or Schools	Vermin or Nits on Head	Vermin or Nits on Body	Vermin Suspected	Unsatisfactory Clothing	Unsatisfactory Footgear	Others
Cumbernauld ...	J. C. Macbeth	...	...	...	...	...	...	...	...	..
Kirkintilloch ...	C. M. Jeffrey and J. Oake	222	801	124	111	...	99	12	...	...
Kirkintilloch (Twechar) Cumbernauld (Croy)	A. Gee	112	596	93	69	...	13	4	1	25
New Kilpatrick ...	C. King, K. Stevenson, M. M. Macdonald	80	315	25	72	...	...	8	...	...
Old Kilpatrick (Duntocher) ...	C. King, M. McCallum	155	579	56	126	...	12	12	5	...
Old Kilpatrick (Gavinburn Milton)	R. L. Shaw	27	159	28	13	...	...	1	...	14
Clydebank Burgh (Clydebank High, Elgin Street, Our Holy Redeemer's)	J. Scott	239	793	126	182	3	21	39	...	12
Clydebank Burgh (Dalmaur, Janetia Street, and St. Stephen's) ...	M. M. Macdonald and C. King	289	1348	83	268	3	9	12	9	...
Dumbarton (except West Bridgend, Notre Dame and St. Patrick's) ...	M. Gilmour	275	1102	73	244	1	...	...	4	32
Dumbarton (West Bridgend, Notre Dame and St. Patrick's) ...	A. Gee, R. L. Shaw	249	1004	61	240	...	3	6	...	...
Vale of Leven (Academy, Main Street, Levenvale St. Mary's, Luss, Muirland, Ardoch Bridge, Croftamie)	C. R. Robertson and R. Smith	336	2190	116	241	6	6	56	2	14
Vale of Leven (Bonhill and Jamestown) ...	M. Callander	129	648	70	38	...	...	4	3	17
Renton (Cardross School) ...	E. M. Rankin	183	1053	33	179	4	...	...	...	...
Helensburgh ...	K. Stevenson, C. Macnair, E. A. Sandilands	333	1131	110	217	...	...	52	...	68
Total ...		2629	11719	998	2000	17	163	206	24	182

## ORTHOPTIC TREATMENT.

The following table shows the number of cases seen by the Orthoptist:—

	Clydebank	Dumbarton	Kirkintilloch	Total
Number of Children under Treatment ... ..	17	27	15	59
Number of Children under Observation ... ..	23	58	10	91
Attendances—				
Preliminary Examination ...	8	18	7	33
Cases for Occlusion ... ..	26	54	41	121
Cases for Orthoptic Exercises ...	232	655	496	1383
Cases Re-Examined ... ..	4	20	6	30
Total ... ..	270	747	550	1567
Cases Operated on ... ..	...	3	1	4
Cases Discharged ... ..	...	5	1	6

## SPEECH THERAPY.

The following table gives a summary of the work done during the session.

	Visits per Month.	Articulation.	Stutter.	Organic.	Total.
Janetta Street Clinic (Clydebank) ...	4	37	16	4	57
Hermitage Clinic (Helensburgh) ...	2	7	8	1	16
Hartfield Clinic (Dumbarton) ...	4	51	14	2	67
St. Mary's School (Alexandria) ...	4	49	17	11	77
Renton Public School	1	18	1	1	20
Kirkintilloch Clinic ...	2	20	8	3	31
Total	...	182	64	22	268

1.—Treatments are now carried out at centres in Dumbarton, Alexandria, Helensburgh, Clydebank, Kirkintilloch and Renton.

2.—Cases are treated individually when possible, but, because of great demand for therapy, the majority are taken in small groups.

3.—Cases attend once per week, per fortnight, or per month, according to the number of cases being dealt with at each centre.

4.—A treatment session is from twenty minutes to one hour.

5.—Cases are frequently referred to Medical Officers, Psychologist, and Dentists, for medical, surgical, psychological and orthodontic consultations and treatments necessary to speech readjustment.

6.—Consultation visits are paid at the request of the head teacher or parent of a child who attends a school not served by a centre.

7.—There is an urgent demand for help for the pre-school child, and much of the work could be avoided if the children were treated before going to school.

## SECTION II.

## REVISED FORM OF REPORT FOR YEAR ENDING 31st JULY, 1945.

## (1) LIST OF STAFF.

(See page 5.)

## (2) GENERAL STATISTICS.

(See page 6.)

## (3) SANITARY CONDITION OF SCHOOLS.

(See page 7.)

## (4) ORGANISATION AND ADMINISTRATION.

(See Annual Report for 1938-39, pages 50-55).

## (5) FINDINGS OF MEDICAL INSPECTION.

## A.—General Review.

During the session 6,506 pupils were examined at the routine inspections (boys, 3,305 ; girls, 3,201). This number is a decrease of 28 on the previous year. The number of non-routine cases examined was 2,026, which is 174 fewer than in the previous year.

(1) *Condition of Clothing*—Again only one child (0.01 per cent.) was found with insufficient clothing : 53 pupils (0.8 per cent.) had clothing in bad repair, and 32 pupils (0.4 per cent.) had clothing in moderately good repair. With regard to cleanliness, 90 children (1.4 per cent.) had clothing classified as bad, and 8 (0.1 per cent.) had clothing classified as moderately good.

(2) *Footgear* was bad in 58 cases (0.8 per cent.), and only moderately good in 4 cases (0.1 per cent.).

(3) *Uncleanliness of the Head or Body*, or both, including such conditions as nits or vermin. Of the routine cases examined, 560 pupils (8.7 per cent.) showed evidence of vermin. Of that number, 547 (17.0 per cent.) were girls, and 13 (0.4 per cent.) were boys. Actually, vermin were found on only 6 children (0.1 per cent.), 4 of whom were girls, and 2 were boys. The absence of many mothers on war work continues to aggravate these conditions of lack of cleanliness, but it is unfortunately true that there is still a considerable number of cases for whom this excuse cannot be put forward. About 8 per cent. of the school population seems to be permanently infected with vermin.

(4) *Skin Disease*—Of the routine cases examined, 49 (0.7 per cent.) had some skin disease of the head : 21 of them (0.3 per cent.) had impetigo, 5 (0.1 per cent.) had Alopecia, and 23 (0.3 per cent.) had "other conditions." There were also 174 (2.7 per cent.) pupils with skin disease of the body : of these, 54 (0.8 per cent.) had scabies, and 20 (0.3 per cent.) had eczema, 7 (0.1 per cent.) had psoriasis, 19 (0.3 per cent.) had sores, and there were 74 (1.2 per cent.) "other conditions." There were 97 non-routine cases with skin disease of the head, of whom 80 had impetigo, 5 had alopecia, and the remainder had "other conditions." Skin disease of the body was present in 406 non-routine cases : of these, 128 had scabies, 19 had sores, 4 had psoriasis, 4 had ringworm, and the remainder "other diseases."

The total number of cases of scabies (routine and non-routine) among school children is 54 fewer than in the previous session. Unfortunately, with the closing of the first-aid posts, in which special treatment centres had been established, the facilities for treatment were considerably reduced. This work is now done, as far as possible, at special sessions in the ordinary clinics. At these special sessions, adults are treated as well as children.

(5) *Defective Nutrition*—Among the routine cases examined, the number found to be below the average was 422 (6.4 per cent.), of whom 20 (0.3 per cent.) were classified as very bad. The number who were above the average was 761 (11.7 per cent.). In spite of war conditions the nutrition of the children has been maintained at a satisfactory level.

(6) *Condition of Teeth*—The dental condition this year shows a further improvement, the number of pupils with no teeth decayed being 4,524 (69.7 per cent.) as compared with 63.7 per cent. in the previous session. This number has shown an increase of 10 per cent. in two years. Whether this increase is due to war-time feeding, or to the spread of knowledge of how to care for the teeth, or, as is more probable, to both, it is a very satisfactory improvement. In the Eastern district of the County, Mr. Cassidy, the dentist, has given considerable attention to orthodontics as a preventive measure, especially in younger children, and so far the results are encouraging. The parents of the pupils are perhaps more interested in this branch of the work from an aesthetic point of view, but the cosmetic results are of secondary interest. It is fortunate that good dental results usually mean good cosmetic results, and so the interest of the patient and parent are maintained. As mouth-breathing frequently plays an important part in the production or maintenance of dental defects, there is close co-operation between the dentist, the throat and nose surgeon, and the orthopaedic staff, with a view to remedying this defect.

It is still unfortunately true that dental treatment is often refused, simply because the child does not complain of toothache, and then later treatment is demanded when the only thing the dentist can do is to extract the offending tooth.

#### (7) *Nose, Throat, and Lymphatic Glands :—*

(a) *Nose*—During the session, 86 (1.3 per cent.) routine cases were found to be suffering from nasal catarrh, usually chronic, and most of them were referred to the ear, throat and nose surgeon for further investigation. Where a non-purulent catarrh followed the removal of adenoids, advice as to diet and medical treatment was given.

Nasal obstruction was present in 44 (0.6 per cent.) routine cases. In the great majority the cause was adenoids ; in the others it was nasal polypus or deflected septum. Other nasal defects were found in 53 cases (0.8 per cent.).

(b) 1. *Tonsils*—Of the 6,506 routine cases examined, 571 (8.7 per cent.) had slightly enlarged tonsils which required no treatment. Some of these cases had tonsils removed because of frequent attacks of tonsilitis : there were also 55 non-routine cases with slightly enlarged tonsils. The tonsils were much enlarged in 322 (4.9 per cent.) routine cases, and in 234 non-routine cases. It was found at the routine examinations that 1076 children (16.5 per cent.) had had tonsils removed.

(b) 2. *Adenoids*—Of the 6,506 pupils examined at routine examinations, 294 (4.5 per cent.) had adenoids, while 62 (0.9 per cent.) were suspected of having adenoids : at non-routine examinations, 38 children had adenoids, and 103 were suspected of having them. All these cases were referred to the ear, throat and nose surgeon. Of the routine cases examined, 921 (14.1 per cent.) had had adenoids removed.

As in former years, a record was kept of the results of removal of tonsils and/or adenoids, the pupils being examined one year after operation. This table is shown on page 38.

The number of such cases of tonsils and adenoids removed is now 4,672. Of these, 3,581 (76.7 per cent.) have been classified as having had a satisfactory result, 800 (17.1 per cent.) were classified as moderately satisfactory, and

291 (6.2 per cent.) as unsatisfactory. Of the 670 operations for removal of adenoids only, 306 (45.7 per cent.) were classified as satisfactory, 231 (34.5 per cent.) were classified as moderately satisfactory, and 133 (19.8 per cent.) as unsatisfactory.

A record is also being kept of the late results of removal of tonsils and/or adenoids as shown during the routine examinations of the third and fourth age groups. The number now examined is 911. Of these, 854 (93.7 per cent.) were classified as satisfactory, and 57 (6.3 per cent.) as unsatisfactory. For further details see the table on page 37. During his examination of children who needed operations, Dr. J. Fulton Christie found a number who required some treatment before the operation could be done satisfactorily. He arranged for these pupils to be seen and treated at the Western Infirmary. He has kindly supplied the following information about these children :—91 children attended at the infirmary : 79 Sinus x-rays were done, the other 12 were x-rayed prior to the period under review, with the exception of one child who was x-rayed elsewhere. About one in ten had, in addition, an x-ray of the chest ; 226 Lavages of the maxillary antra were done during the period ; 60 of these Lavages required the administration of a general anaesthetic.

There is no doubt, he says, that the children derive much benefit from the treatment, and it would be foolish, if not foolhardy, to proceed with the T. and A. operation in the presence of known antral disease.

I am referring many children to Miss Galloway for breathing exercises, and to the school dentists for treatment of mal-occlusion of the teeth, as I consider that this is necessary in some cases, in order that they may derive full benefit of the T. and A. operation.

In addition to the children mentioned above, a number of other children received attention at the Western Infirmary. The following information regarding them is approximately correct :—5 dental x-rays ; 2 x-rays of thymus ; 6 estimation of bleeding and clotting time ; 2 radical antral operations ; 1 referred to plastic surgeon ; 3 children were found to have bronchiectasis and were seen by a physician and a thoracic surgeon. One or two were treated in a medical ward, and the question of lobectomy is being considered in one case. There were no mastoid operations done in the period under review.

(c) *Lymphatic Glands*—Of the 6,506 routine cases examined, 226 (3.5 per cent.) had slightly enlarged submaxillary glands, and 16 (0.2 per cent.) had much enlarged submaxillary glands, 82 children (1.2 per cent.) had slightly enlarged cervical glands, and 6 (0.1 per cent.) had markedly enlarged cervical glands. At non-routine examinations 7 children had slightly enlarged submaxillary glands, and in 7 children they were much enlarged. Nine non-routine cases had slightly enlarged cervical glands, and one had much enlarged cervical gland.

(8) *Eye Conditions*—Of the 6,506 routine cases examined, 232 (3.5 per cent.) suffered from squint, 39 (0.6 per cent.) had blepharitis, 9 (0.1 per cent.) had conjunctivitis, 7 (0.1 per cent.) had corneal opacities, and 34 (0.5 per cent.) suffered from other conditions. Among the non-routine cases examined, 30 had squint, 26 had blepharitis, 21 had conjunctivitis, 7 showed corneal opacities, and 31 had other eye conditions. The orthoptic treatment of squints has been continued all through the session, and a report of the work done will be found on page 45.

The vision of infants is not tested at the routine examinations. There were 4,356 children examined in the other age-groups, and of these, 3,946 (90.6 per cent.) had good vision, 266 (6.1 per cent.) had fair vision, while 144 (3.3 per cent.) had bad vision, and 187 (4.3 per cent.) had vision bad in one eye only. There were also 138 non-routine cases with bad vision. Pupils

with bad vision or bad vision in one eye only were referred to Dr. Tennent, and also pupils in the infant department, where for any reason defect of vision was suspected. This is also done with pupils whose vision is apparently normal, but who suffer from conditions such as headaches which may be ocular in origin.

(9) *Eor Conditions*—Of the 6,506 routine cases examined, 67 (1.0 per cent.) were suffering from ear conditions requiring treatment. Of these, 54 (0.8 per cent.) had otorrhoea, 3 (0.1 per cent.) had wax in one or both ears, and 10 (0.1 per cent.) suffered from other conditions such as polypus, foreign body in ear, etc. There were also 54 non-routine cases with otorrhoea, 14 with wax, and 31 with other conditions. Wax in the ear was noted only when it was sufficient to cause deafness. There were 36 routine cases (0.5 per cent.) classified as slightly deaf, and 13 (0.2 per cent.) as very deaf. In addition, 11 non-routine cases were classified as slightly deaf. Many of the cases of deafness were associated with enlarged tonsils and adenoids, and cleared up after their removal, as did also many cases of otorrhoea.

(10) *Defective Speech* was present in 37 routine cases examined (0.5 per cent.). Of this number, 24 (0.4 per cent.) had defective articulation, and 13 (0.2 per cent.) were stammerers. There were also 2 non-routine cases. During the session Miss Kenny carried out the treatment of these cases by speech therapy, and a detailed report of her work will be found on page 45. The number of children treated was 268, of whom 85 were discharged as cured, 34 left with treatment incomplete, and 149 were retained.

(11) *Mental and Nervous Conditions*—Of the 6,506 routine cases examined, 21 were found to be suffering from diseases of the nervous system, 0.3 per cent. of the whole. Of these, 5 (0.1 per cent.) had epilepsy, 4 (0.1 per cent.) had chorea, and 10 (0.1 per cent.) had infantile paralysis. Among the non-routine cases examined, there were 2 children with epilepsy, 11 with chorea, and 8 with infantile paralysis, a total of 22.

Table 7—Q showing the number of backward and mentally deficient children is of no value whatever, as the medical officers have no means of knowing which children are backward until the question of the child's mental condition comes up for decision. The number of routine cases returned as backward was 32 (0.4 per cent.), and 1 non-routine case. These figures do not, of course, include children in special schools.

(12) *Heart Conditions*—Of the 6,506 routine cases examined, 60 (0.9 per cent.) were found to have heart disease, either organic or functional. Of these, 58 (0.8 per cent.) had organic disease (17 congenital, 41 acquired), while 2 cases (0.1 per cent.) showed a functional condition. There were also 9 non-routine cases of heart disease, all organic. During the present session it has again not been found possible to continue the "following up" and regular re-examination of cases showing evidence of heart weakness, but every effort is made to keep them under supervision as regards drill and baths.

(13) *Lung Conditions*—There were 173 cases (2.6 per cent.) of lung conditions among the routine cases examined. Of these, 114 (1.7 per cent.) had bronchial catarrh, 39 (0.6 per cent.) had bronchitis, 1 (0.1 per cent.) had tuberculosis, and 19 (0.3 per cent.) had asthma. There were also 33 non-routine cases with bronchial catarrh, 23 with bronchitis, and 20 with asthma. There is the closest co-operation between the school medical officers and the tuberculosis officers, and all cases on which there is the slightest suspicion of tuberculosis, are referred to the tuberculosis officers for an opinion.

(14) *Deformities*—Deformities were present in 227 cases, only 5 (0.1 per cent.) being due to rickets. Of the remainder, 27 (0.4 per cent.) were congenital conditions, and 195 (3.0 per cent.) were acquired. There were

also 39 non-routine cases, all acquired. The acquired cases comprised postural deformities such as kyphosis, scoliosis, flat foot, and conditions following infantile paralysis. Suitable cases were referred to the orthopaedic staff for treatment, and further particulars will be found on page 36.

(15) *Infectious Diseases*—Among the routine cases examined, 11 (0·2 per cent.) were found to be suffering from infectious disease, 2 from scarlet fever, 4 from chickenpox, 3 from mumps, and 2 from whooping cough. There were 29 cases of infectious disease among the non-routine cases examined (scarlet fever 3, chickenpox 14, mumps 11, and whooping cough 1).

*Diphtheria Immunisation*—During the session a considerable number of children were immunised against diphtheria, the immunisation being carried out either in schools or clinics.

(16) *Other Diseases and Defects*—These were noted in 216 (3·3 per cent.) of the routine cases examined, 16 (0·2 per cent.) with hernia, and 200 (3·0 per cent.) with other diseases. There were 400 non-routine cases who showed evidence of other diseases, none of which had hernia. Seven routine cases showed evidence of non-pulmonary tubercular disease, 3 with glands, 1 with joints, and 3 with abdominal. One non-routine case had abdominal tuberculosis.

## (6) MEDICAL TREATMENT.

The details in connection with the following sub-headings will be found in the body of the report, on the pages indicated against each item.

It is quite impossible to ascertain accurately how many children in these groups received treatment privately or through a voluntary hospital under arrangements made by parents.

**A.—Minor Ailments:**—(1), (2), (3) and (4). See "Treatment of Minor Ailments," on page 39.

**B.—Defective Vision and Squint:**—See Tables "Ophthalmic Treatment of School Children," pages 42-43. Also "Report on Orthoptic Treatment," on page 45.

**C.—Nose and Throat (Operative Treatment):**—See Table "Throat, Nose and Ear Clinics," on page 40.

## (7) DENTAL TREATMENT.

The information required is obtained in Table "Dental Treatment," page 41, and also in Table V, "Dental Inspection and Treatment."

## (8) SPECIAL SCHOOLS AND CLASSES.

Particulars regarding the facilities in use for exceptional children will be found on page 33 of this report.

There were no holiday camps during the present session, but Cardross Park Home, opened in June, 1941, for the accommodation of evacuee children, and now available for children of all ages convalescent from illness, or requiring special care, has once more proved of very real value to the county. There is accommodation for some 40 children, and there is now a teacher for those able to do lessons. During the session 80 children have been admitted for varying periods, with excellent results.

## 9) ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

This subject is referred to on page 34.

## 10) OTHER ACTIVITIES IN RELATION TO THE HEALTH OF SCHOOL CHILDREN.

On page 34 and succeeding pages are recorded particulars regarding the feeding of School Children under the Local Authority Schemes, Employment of School Children, and the Admission of Children to Approved Schools, in so far as these affect the work of the School Medical Officers.

For some years the School Medical Officers have been investigating the results of the removal of tonsils and/or adenoids, as shown at about a year after the operation, and the cumulative findings of these enquiries are embodied in the table printed on page 38.

For the seventh session in succession this enquiry has been extended to children who had been operated on at varying periods up to ten years previously, and the data will be found on page 37.

The work of the Orthopaedic Clinics will be found detailed on page 36.

The increase in the amount of work carried on for Helensburgh cases, since the clinic was opened in Helensburgh, emphasizes the importance of a clinic being established in each centre. It has to be remembered that Orthopaedic Treatment necessitates twice-weekly visits over long periods, and it is essential to minimize the time spent in travelling, and cost of travel.

## (5) FINDINGS OF MEDICAL INSPECTION.

## B.—Statistical Tables.

TABLE I.

Total number of children examined at :—

					(a) Systematic Examinations.	Other Systematic Examinations.
Ordinary Schools	Entrants ... ..	...	...	...	2,150	—
	Second Age-Group	...	...	...	2,141	—
	Third Age-Group	...	...	...	2,025	—
	Fourth Age-Group	...	...	...	—	—
Secondary Schools Age-Group		...	...	...	190	—
Total		...	...	...	<u>6,506</u>	<u>Nil</u>
					(b) Other Examinations.	
Special Cases		...	...	...	2,026	
Re-inspections by Medical Officer					7,914	
Total		...	...	...	<u>9,940</u>	

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanness and dental caries).

Entrants ... ..	...	...	...	840
Second Age-Group	...	...	...	934
Third Age-Group	...	...	...	563
Fourth Age-Group	...	...	...	—
Secondary Age-Group	...	...	...	43
Other Systematic Examinations				—
Total				<u>2,380</u>

Table II.—See page 54.

Table III.—See page 54a.

Table IV.—Return of All Exceptional Children of School Age in the Area.

It has not been found possible to give the details required by this table with sufficient accuracy, and the table is therefore omitted.

TABLE III.—SYSTEMATIC MEDICAL EXAMINATIONS.

Classification.	Entrants.		Second Age-Group.		Third Age-Group.		Fourth Age-Group.		Total	
	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined in this Group.	Number of Children.	Percentage of the Children Examined at Systematic Medical Examinations
I.—Children free from Defects	1344	62.6	1277	59.7	1265	62.5	111	58.	3997	61.5
II.—Children (otherwise free from defects) who suffer from:—										
(a) Defective Vision not worse than 6/12 in the better eye with or without glasses.	38	1.7	105	5.0	104	5.2	18	9.5	265	4.1
(b) Conditions of the Mouth and Teeth requiring treatment	117	5.4	129	6.0	195	9.7	20	10.5	461	7.1
(c) Both (a) and (b) ...	1	0.1	6	0.2	36	1.7	4	2.1	47	0.7
Total ...	156	7.2	240	11.2	335	16.6	42	22.1	773	11.9
III.—Children suffering from Ailments (other than those mentioned in II.) from which complete recovery is expected within a few weeks ...	562	26.1	449	21.0	268	13.2	19	10.0	1298	19.9
IV.—Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II. and III., distinguishing cases:—										
(a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible ...	57	2.7	115	5.3	94	4.6	4	2.1	270	4.1
(b) Where improvement only is considered possible, e.g., without complete restoration of function ...	31	1.4	60	2.8	63	3.1	14	7.4	168	2.6
Total ...	88	4.1	175	8.1	157	7.7	18	9.5	438	6.7
Total Number of Children Examined ...	2150	100.0	2141	100.0	2025	100.0	190	100.0	6506	100.0



**TABLE V.—DENTAL INSPECTION AND TREATMENT.**

(1) Inspected by the Dental Officers :—

Age.	(a) Systematic Examinations.	(b) Special or Emergency Cases.	Total.
5	1128	110	1238
6	1095	125	1220
7	1034	127	1161
8	982	144	1126
9	997	85	1082
10	1126	78	1204
11	909	96	1005
12	785	59	844
13	939	49	988
14	252	24	276
15	172	1	173
16	5	9	14
17	5	0	5
Totals ...	9429	907	10,336

	Systematic Examinations.	Special or Emergency Cases.	Total.
(2) Found to require Treatment ...	5571	907	6478
(3) Actually treated by School Dental Officers ... ..	3392	907	4299
(4) Number of Attendances made by children for treatment ... ..	6341	1957	8298
(5) Fillings * (a) Permanent Teeth ...	2346	914	3260
(b) Temporary Teeth ...	84	29	113
(6) Extractions (a) Permanent Teeth ...	946	147	1093
(b) Temporary Teeth ...	4231	1127	5358
(7) Number of Administrations of a general anaesthetic for extractions	896	41	937
(8) Other operations :— *			
(a) Permanent Teeth ... ..	2174	640	2814
(b) Temporary Teeth ... ..	154	35	189
(9) Half-days devoted to—			
(a) Inspection ... ..	102	0	102
(b) Treatment ... ..	1236	249	1485
(10) Children treated under private arrangements—No accurate information is available.			

\* Temporary fillings, whether in permanent or temporary teeth, should be recorded as "other operations."

TABLE II.—SYSTEMATIC EXAMINATIONS.

Return of Number and Percentage of Individual Children in each Age-Group suffering from Particular Defects.

Total Examined at all Ages—6506.																					
Total examined in each age group—by sexes.		Entrants.				Second Age-Group.				Third Age-Group.				Fourth Age-Group.				All Ages.			
		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
		1092	%	1058	%	1096	%	1045	%	1009	%	1016	%	108	%	82	%	3305	%	3201	%
Number showing defects.		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Nature of Defect.																					
1. Clothing Unsatisfactory	...	16	1.4	16	1.5	26	2.3	23	2.2	8	0.8	6	0.6	...	...	...	...	50	1.5	45	1.4
2. Footgear Unsatisfactory	...	14	1.2	10	0.9	20	1.8	11	1.0	5	0.5	...	...	...	...	...	...	39	1.2	21	0.6
3. Uncleanliness (Head, Body, or both)	...	38	3.5	164	15.5	45	4.1	237	22.6	38	3.7	245	24.1	...	...	3	3.6	121	3.6	649	20.2
4. Skin (Head and/or Body)	...	31	2.8	29	2.7	45	4.1	28	2.6	38	3.7	49	4.8	5	4.6	3	3.6	119	3.5	109	3.4
5. Defective Nutrition	...	95	8.7	95	9.0	66	6.0	88	8.4	41	4.0	37	3.6	2	1.8	...	...	204	6.1	220	6.8
6. Mouth and Teeth Unhealthy...	...	100	9.1	88	8.3	111	10.1	106	10.1	148	14.6	164	16.1	13	12.0	12	14.6	372	11.2	370	11.5
7. Nose, Throat and/or Glands	...	81	7.4	85	8.0	87	8.0	89	8.5	19	1.8	29	2.8	...	...	1	1.2	187	5.6	204	6.3
8. Eye Conditions	...	55	5.0	63	5.9	105	9.5	109	10.4	60	5.9	68	6.7	6	5.5	10	12.2	226	6.8	250	7.8
9. Ear Conditions	...	16	1.4	9	0.8	11	1.0	12	1.1	10	1.0	8	0.7	...	...	1	1.2	37	1.1	30	0.9
10. Defective Speech	...	6	0.5	7	0.6	10	0.9	4	0.3	7	0.7	2	0.2	...	...	1	1.2	23	0.7	14	0.4
11. Mental and Nervous Conditions	...	9	0.8	9	0.8	12	1.1	18	1.7	7	0.7	2	0.2	...	...	...	...	28	0.8	29	0.9
12. Heart Conditions	...	10	0.9	10	0.9	11	1.0	4	0.3	7	0.7	7	0.6	1	0.9	...	...	29	0.9	21	0.6
13. Lung Conditions	...	45	4.1	41	3.8	26	2.3	15	1.4	15	1.4	17	1.6	1	0.9	...	...	87	2.6	73	2.3
14. Deformities	...	28	2.5	18	1.7	42	3.8	50	4.7	36	3.5	27	2.6	7	6.5	1	1.2	113	3.4	96	3.0
15. Infectious Diseases	...	5	0.4	5	0.4	1	0.1	1	0.1	...	...	...	...	...	...	...	...	6	0.2	6	0.2
16. Other Diseases and Defects	...	52	4.7	36	3.4	57	5.2	43	4.1	36	3.5	41	4.0	3	2.7	1	1.2	148	4.4	121	3.7

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